

平成8年度在外プロジェクト形成調査

南米共同市場における
パラグアイ経済の現状
— 英文資料 —
(内部検討資料)

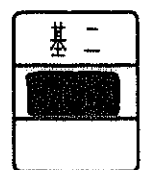
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ANEXO

(別添参考資料)

I. パラグアイと MERCOSUR

TABLE 1

MERCOSUR-EXPORTS OF GOODS 1990-95 (Thousand Millions US\$)							
Exports by Regions	1990	1991	1992	1993	1994	1995	Annual Average Growth 1990-95
TOTAL	47	46	50	54	62	69	10%
United States	10	8	9	10	10	11	3%
European Union	15	15	16	15	17	18	5%
Mercosur	4	5	7	10	11	13	32%
Other Latin American Countries	4	5	6	6	7	7	17%
Rest of the World	14	13	12	14	17	20	9%

Source: Internacional Monetary Fund: Revista Brasileira de Comercio Exterior No. 50, 1997.

TABLE 2

MERCOSUR-IMPORTS OF GOODS 1990-95 (Thousand Millions US\$)							
Imports by Regions	1990	1991	1992	1993	1994	1995	Annual Average Growth 1990-95
TOTAL	29	34	39	49	60	78	22%
United States	6	7	9	11	14	16	23%
European Union	7	8	9	11	16	21	25%
Mercosur	4	5	7	9	12	13	25%
Other Latin American Countries	5	5	6	7	8	11	20%
Rest of the World	8	8	8	10	10	16	15%

Source: International Monetary Fund: Revista Brasileira de Comercio Exterior No. 50, 1997.

TABLE 3

ARGENTINA: BASIC INDICATORS				
YEAR	GDP GROW (%)	GDP (current millions US\$)	GDP per capita (1990 dollars)	INFLATION RATE (%)
1990	0.1	135.000	4.742	1343.9
1991	8.9	183.000	5.096	84.0
1992	8.7	228.000	5.467	17.6
1993	6.0	258.000	5.731	7.4
1994	7.2	282.000	6.081	3.6
1995	-4.4	283.000	5.747	1.0

Source: CEPAL, INTERAMERICAN DEVELOPMENT BANK (IDB)

TABLE 4

ARGENTINIAN FOREIGN TRADE, 1987-1995 (Millions US\$)						
Year	Total Exports	Exports to Mercosur	Share (%)	Total Imports	Imports from Mercosur	Share (%)
1987	6.355	769	12.0	5.808	1.003	17.0
1991	11.978	1.978	17.0	8.275	1.805	22.0
1993	13.118	3.684	28.0	16.784	4.214	25.0
1994	15.739	4.740	30.0	21.544	5.129	24.0
1995	20.692	6.769	33.0	19.899	4.776	24.0

Source: IMF, INDEC

TABLE 5
BRAZIL: BASIC INDICATORS

YEAR	GDP GROW (%)	GDP (Thousand Millions US\$)	GDP per capita (1990 dollars)	INFLATION RATE(%)
1990	-4.3	437	2.536	1476.6
1991	0.3	383	2.496	480.2
1992	-0.8	388	2.444	1158.0
1993	4.2	436	2.492	2708.6
1994	5.8	557	2.591	1903.8
1995	4.2	676	2.678	14.8

Source: AERI, Brazil - IDB

TABLE 6

BRAZILIAN FOREIGN TRADE, 1987-1995 (Millions US\$)						
Year	Total Exports	Exports to Mercosur	Share (%)	Total Imports	Imports from Mercosur	Share (%)
1987	26.223	1.388	5.0	15.050	888	6.0
1991	31.620	2.309	7.0	21.041	2.269	11.0
1993	38.783	5.396	14.0	25.678	3.332	13.0
1994	43.558	5.922	14.0	32.975	4.618	14.0
1995	46.503	6.153	13.0	49.858	6.821	14.0

Source: IMF, Bacen, DTIC, FUNCEX

TABLE 7

URUGUAY: BASIC INDICATORS				
YEAR	GDP GROWTH RATE (%)	GDP (millions US\$)	GDP per cápita (1990 dolars)	INFLATION RATE (%)
1990	0.6	8.200	3.099	129.0
1991	3.2	9.900	3.034	78.8
1992	7.8	11.700	3.142	58.9
1993	3.3	13.700	3.103	52.9
1994	6.9	16.100	2.965	44.1
1995	-2.8	17.800	3.024	35.4

Source: CEPAL, IDB

TABLE 8

URUGUAYAN FOREIGN TRADE, 1987-1995 (Millions US\$)						
Year	Total Exports	Exports to Mercosur	Share (%)	Total Imports	Imports from Mercosur	Share (%)
1987	1.182	329.0	27.8	1.080	442.5	41.0
1991	1.605	580.9	36.1	1.544	662.8	42.9
1993	1.732	720.8	41.6	2.118	1.125.1	53.1
1994	1.913	898.6	47.0	2.585	1.370.8	53.0
1995	2.116	995.3	47.0	2.682	1.425.0	53.1

Source: CEPAL, Banco Central del Uruguay.

TABLE 9

MERCOSUR BASIC INDICATORS					
	Argentina	Brazil	Paraguay	Uruguay	Mercosur
Land Area - Millions Km ²	3.8	8.5	0.4	0.2	12.9
Population - Millones of inhabitants	34.4	162.3	4.5	3.1	204.3
GDP - Millions US\$	281,600	581,132	7,728	15,500	886,148
Exports - Mercosur (millions US\$) / 1	6,249	6,150	544	895	13,838
Imports - Mercosur (millions US\$) / 2	4,776	6,754	1,177	1,363	14,070
Total Exports / 3	20,830	46,506	958	1,918	70,212
Total Imports / 4	19,899	49,663	2,871	2,707	75,130
1 / 3 (%)	31.9	13.2	56.8	46.7	
2 / 4 (%)	24.0	13.6	41.0	50.4	

Source: Citibank: Guia de Inversión - Mercosur + Chile
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PARAGUAY: EVOLUTION OF THE BALANCE OF TRADE							
(millions dollars)							
	1989	1990	1991	1992	1993	1994	1995
Registered Exports	1009.4	958.7	737.1	656.6	725.2	816.9	958.7
NonRegistered Exports(1)	14.5	81.4	107.9	83.7	79.4	125.7	-
Reexported (2)	124.7	300.3	321.3	304.0	694.0	926.0	1883.1
Total (3)	1165.2	1366.2	1188.8	1054.2	1500.0	1871.3	2841.8
RegisteredImports	660.8	1193.4	1275.4	1237.1	1477.5	2140.4	2871.0
Non registered	355.1	390.6	553.6	688.1	1233.2	1357.4	1646.3
Total (3)	1015.9	1635.8	1867.6	1925.2	2710.7	3497.8	4517.3
Deficit/Surplus	149.3	-269.6	-678.8	-871.0	-1210.7	-1717.9	-1675.5

Source: Elaborated by Centro de Análisis y Difusión de Economía Paraguaya (CADEP) based on datos from Banco Central del Paraguay (BCP).

(1) domestic products; (2) foreign products; (3) include adjustments for valuation

TABLE 11

PARAGUAY: BALANCE OF PAYMENTS							
(millions dollars)							
	1989	1990	1991	1992	1993	1994	1995
Current Account	256.0	-170.2	-332.4	-625.6	-834.0	-1241.6	-1060.3
Balance of Trade	164.1	-269.6	-758.1	-871.1	-1210.7	-1717.9	-1675.5
Exports (1)	1180.0	1366.2	1109.5	1054.2	1500.0	1779.9	2841.8
Imports (2)	1015.9	1635.8	1867.6	1935.3	2710.7	3497.8	4517.3
Capital Account	-20.2	62.3	151.0	-212.3	219.9	362.6	360.0
Cur. Acc. + Cap. Acc	235.8	-107.9	-181.4	-837.9	-614.1	-879.0	-700.2
Errors and Omissions	-90.5	327.4	480.6	490.9	700.3	1206.8	747.9
Global Balance	145.3	219.5	299.2	-347.1	86.2	327.8	47.7

Source: Banco Central del Paraguay

Note: 1995: proyected figures

(1) include reexports of goods

(2) include non registered imports

TABLE 12

PARAGUAY: EXPORTS BY MAIN COMMODITIES					
(percentage)					
Commodities	1991	1992	1993	1994	1995
Traditionals	82.4	75.6	76.4	65.6	64.9
Non Traditionals	17.6	24.4	23.6	34.4	35.1
TOTAL	100.0	100.0	100.0	100.0	100.0

Source: Banco Central del Paraguay

TABLE 13

PARAGUAY: EXPORTS BY ECONOMIC ZONES (percentage)						
Zones	1991	1992	1993	1994	1995	1996 *
Mercosur	35.2	37.5	39.6	46.2	56.8	63.5
Rest of the World	64.8	62.5	60.4	53.8	43.2	36.5
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0

* Figures until september 1996.

Source: Banco Central del Paraguay

ANEXO

(別添参考資料)

II. パラグアイ経済と海外援助の動き

ANNEX 1

GROWTH OF GLOBAL AND PER CAPITA GDP (THOUSANDS OF MILLIONS CONSTANT GUARANIES AND PERCENTAGES OF GROWTH)					
Years	GDP at 1985 prices	Growth %	Population (millions)	Per capita GDP (Thousands of 1985 Guaranies)	Per capita GDP Growth %
1965	456,4	5,70%	2,03	224,83	2,57%
1966	461,6	1,14%	2,07	223,00	-0,82%
1967	490,9	6,35%	2,13	230,47	3,35%
1968	508,4	3,56%	2,18	233,21	1,19%
1969	528,2	3,89%	2,24	235,80	1,11%
1970	560,9	6,19%	2,30	243,87	3,42%
1971	585,5	4,39%	2,36	248,09	1,73%
1972	615,6	5,14%	2,43	253,33	2,11%
1973	659,8	7,18%	2,50	263,92	4,18%
Average *	490,1	4,20%	2,02	214,63	1,81%
1974	714,2	8,24%	2,57	277,90	5,30%
1975	759,3	6,31%	2,69	282,27	1,57%
1976	812,6	7,02%	2,78	292,30	3,55%
1977	901,5	10,94%	2,87	314,11	7,46%
1978	1.003,8	11,35%	2,95	340,27	8,33%
1979	1.117,8	11,36%	3,05	366,49	7,71%
1980	1.245,7	11,44%	3,15	395,46	7,90%
1981	1.354,2	8,71%	3,25	416,68	5,37%
Average *	988,6	9,42%	2,91	335,69	5,90%
1982	1.340,9	-0,98%	3,36	399,08	-4,22%
1983	1.300,7	-3,00%	3,47	374,84	-6,07%
1984	1.340,7	3,08%	3,58	374,50	-0,09%
1985	1.393,9	3,97%	3,69	377,75	0,87%
1986	1.394,0	0,01%	3,81	365,88	-3,14%
1987	1.454,3	4,33%	3,92	370,99	1,40%
1988	1.546,8	6,36%	4,04	382,87	3,20%
Average *	1.395,9	1,97%	3,70	377,99	-1,15%
1989	1.636,5	5,80%	4,16	393,39	2,75%
1990	1.687,1	3,09%	4,28	394,18	0,20%
1991	1.728,7	2,47%	4,40	392,89	-0,33%
1992	1.759,8	1,80%	4,45	395,46	0,66%
1993	1.832,0	4,10%	4,47	409,84	3,63%
1994	1.888,8	3,10%	4,69	402,72	-1,74%
1995	1.977,5	4,70%	4,82	410,28	1,88%
Average *	1.787,2	3,58%	4,47	399,82	1,01%

Source: International Statistics of IMF 1991. From 1992, data of BCP.

* arithmetical average; the global values in US\$ are included in table 2.

ANNEX 2.1

COMPOSITION OF THE GROSS DOMESTIC CAPITAL FORMATION (millions of constant guaranies of 1982)											
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995(*)
A) COMPOSITION OF THE GROSS DOMESTIC CAPITAL FORMATION											
1. FORMATION OF GROSS DOMESTIC FIXED CAPITAL	146.940	151.500	160.990	166.951	184.771	203.471	215.354	201.580	206.471	215.996	232.697
a) Buildings and Constructions	90.296	91.200	93.024	95.484	92.916	91.483	99.880	135.971	137.648	140.917	146.552
b) Transport Equipments	27.208	34.845	24.307	19.148	21.599	18.889	26.975	15.993	19.005	21.791	24.842
c) Communication Equipments	4.462	7.275	12.069	7.936	16.996	60.638	48.711	24.588	22.279	25.545	29.121
d) Machineries and Other Equipments	24.974	18.180	31.590	44.363	53.260	32.461	39.788	25.028	27.539	27.743	32.182
2. INCREASE OF STOCK	11.700	13.000	14.500	15.436	15.976	15.704	22.676	20.902	21.086	21.703	21.891
FORMATION OF GROSS DOMESTIC CAPITAL (1+2)	158.640	164.500	175.490	182.387	200.747	219.175	238.030	222.482	227.557	237.699	254.588
B) BUYER SECTORS											
a) Private Sector	114.393	115.150	127.966	133.143	159.196	184.789	198.162	176.130	167.237	171.251	204.212
b) Public Sector	44.247	49.350	47.504	49.244	41.549	34.386	39.868	46.352	60.320	66.448	50.376
FORMATION GROSS DOMESTIC CAPITAL	158.640	164.500	175.490	182.387	200.747	219.175	238.030	222.482	227.557	237.699	254.588

(*) Provisionals Figures

Source: Banco Central del Paraguay - Boletín de Cuentas Nacionales

ANNEX 2.2

COMPOSITION OF GROSS DOMESTIC CAPITAL FORMATION (millions of constant guaranies of 1982)											
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
A) COMPOSITION OF GROSS DOMESTIC CAPITAL FORMATION (PERCENTAGES)											
1. FORMATION OF GROSS DOMESTICA FIXED CAPITAL	92,62	92,10	91,74	91,54	92,04	92,83	90,47	90,61	90,73	90,87	91,40
a) Buildings and Constructions	61,45	60,20	57,78	57,19	50,29	44,96	46,38	67,45	66,67	65,24	62,88
b) Equipments of Transports	18,52	23,00	15,10	11,47	11,69	9,28	12,53	7,93	9,20	10,09	10,68
c) Equipments of communications	3,04	4,80	7,50	4,75	9,20	29,80	22,62	12,20	10,79	11,83	12,51
d) Machineries and other Equipments	17,00	12,00	19,62	26,58	28,82	15,95	18,48	12,42	13,34	12,84	13,83
2. INCREASE OF THE STOCKS	7,38	7,90	8,26	8,46	7,96	7,17	9,53	9,39	9,27	9,13	8,60
FORMATION OF GROSS DOMESTIC CAPITAL (1+2)	100,00	100,00	100,00	100,00	100,00	100,00	100,00	100,00	100,00	100,00	100,00
B) BUYER SECTORS											
a) Private Sector	72,11	70,00	72,93	73,00	79,30	84,31	83,25	79,17	73,49	72,05	80,21
b) Public Sector	27,89	30,00	27,07	27,00	20,70	15,69	16,75	20,83	26,51	27,95	19,79
FORMATION OF GROSS DOMESTIC CAPITAL	100,00	100,00	100,00	100,00	100,00	100,00	100,00	100,00	100,00	100,00	100,00

(*) Provisional Figures

Source: Banco Central del Paraguay - Boletín de Cuentas Nacionales

ANNEX 3

DIRECT FOREIGN INVESTMENT (millions of US\$)			
YEAR	AMMOUNT (1)	GDP in US\$ (2)	SHARE (1/2)
1988	8	3.951	0,202
1989	13	4.115	0,316
1990	76	5.285	1,438
1991	84	6.254	1,343
1992	137	6.447	2,125
1993	111	6.841	1,623
1994	111	7.857	1,413

Source : UNCTAD, World Investment Report, 1995.

ANNEX 4

INFRASTRUCTURE OF MERCOSUR COUNTRIES					
Countries	Roads (1)	Electricity (2)	Telephones (3)	Water supply (4)	Sanitation (5)
Paraguay	32	69	19	61	31
Brazil	50	91	47	95	84
Uruguay	100	93	100	100	N/A
Argentina	82	100	72	73	100

Source: 1994 World Development Report.

- 1) Km per 1000 persons
- 2) % of households
- 3) Lines per 1000 persons
- 4) % Urban
- 5) % Urban

ANNEX 5

INTEREST RATE (Monthly Average. At anual nominal %)														
Year	Guaranies						Dollars						Call	
	Actives Weighted average (*)	Pasives			Margin of Intern.	Actives Weighted average	Pasives			Margin de Intern.	Interbank	BCP		
At sight		At fix term	CDA	Weighted average			A la Vista	At fix term	Weighted average					
1990	30,00%	12,00%	17,00%	26,00%	15,85%	14,15%	14,05%	5,00%	9,00%	7,00%	7,05%	n/m	n/m	
1991	32,44%	14,08%	11,36%	21,04%	14,80%	17,64%	14,77%	5,23%	7,73%	6,13%	8,64%	n/m	n/m	
1992	34,96%	11,30%	16,64%	22,45%	15,36%	19,60%	14,05%	5,02%	6,57%	5,24%	8,81%	30,10%	24,00%	
1993	35,40%	11,20%	17,87%	24,73%	17,06%	18,34%	12,39%	3,91%	5,08%	4,27%	8,12%	34,20%	27,17%	
1994	35,47%	12,00%	16,80%	24,17%	17,38%	18,09%	12,68%	4,27%	5,87%	4,73%	7,95%	18,64%	20,39%	
1995	33,97%	11,53%	15,21%	23,09%	15,74%	18,23%	14,03%	4,68%	6,46%	5,22%	8,81%	20,26%	21,29%	
1996**	32,62%	10,81%	14,49%	20,02%	13,76%	18,85%	13,70%	4,33%	5,64%	4,60%	9,11%	15,50%	20,17%	

Source: Banco Central del Paraguay - Informe Económico Mensual

- (*) Weighted average rates. Do not include credit cards nor overdrafts
 (**) Data until August 1996

ANNEX 8

ECONOMICALLY ACTIVE POPULATION(*), PER LEVELS OF EDUCATION AND RESIDENCE AREA (1995)									
RESIDENCE AREA	TOTAL	EDUCATION LEVEL							
		N.E.(**)	PRIMARY		SECONDARY		VOCATIONAL	UNIVERSITY	NON DEFINED
			1-3	4-6	7-9	10-12			
TOTAL COUNTRY	2.448.496	3,98	20,97	42,63	12,88	12,38	1,40	5,60	0,15
URBAN	1.224.599	2,41	12,18	34,82	16,74	20,94	1,96	10,81	0,12
RURAL	1.223.897	5,55	29,77	50,42	9,02	3,83	0,85	0,38	0,19
ASUNCION	297.290	1,21	7,65	24,83	15,35	24,93	1,69	24,29	0,06
CENTRAL	508.005	2,16	11,75	38,48	17,50	20,84	1,97	7,03	0,26
URBAN	396.897	2,27	9,46	34,83	18,25	24,21	2,25	8,41	0,33
REMAIN.COUNTR	1.643.201	5,04	26,23	47,13	11,01	7,50	1,18	1,77	0,14
URBAN	991.870	3,19	26,09	40,48	16,40	16,25	1,89	5,06	-
RURAL	651.331	5,92	26,44	50,31	8,44	3,33	0,84	0,21	0,21

* From 10 years and above

** N.E.: No Education, Includes pre-school

Source: Households' Questionnaire 1995, data of August/November 1995

ANNEX 9

PARAGUAY : EVOLUTION OF LAND USE (hectares)			
CONCEPT	1981	1991	var(%)
Total area of land in use	21.940.531	23.817.737	9
Temporal crops	1.208.57	1.576.835	30
Fodder plants crops	917.769	2.315.739	152
Permanent crops	116.142	85.171	(27)
New land and resting land(cocuere)	532.860	573.328	8
Natural or permanent pasture	10.419.68	10.256.156	(2)
Plantation of forestal crops and natural forest	8.437.374	7.818.23	(7)
Others	308.060	1.192.085	287

Source: Studied by DGP/MAG based on: MAG, National Census of Agriculture and Livestock 1981/1991

ANNEX 10.1

CONSUMER PRICE INDEX Base 1982= 100		
INFLATION RATE		
year	Annual Average	Dec. to Dec.
1984	20,3	29,8
1985	25,2	23,1
1986	31,7	24,1
1987	21,8	32,0
1988	23,0	16,9
1989	26,0	28,5
1990	38,2	44,1
1991	24,3	11,8
1992	15,1	17,8
1993	18,3	20,4
1994	20,6	18,3
1995 1/	13,4	10,5

Source: BCP - National Account Bulletin 1985-1995
1/ From January 1995 CPI is based on 1992 = 100

ANNEX 10.2

WHOLESALE PRICE INDEX Base 1982=100		
PERCENTAGE VARIATION		
YEAR	ANNUAL AVERAGE	Dec. to Dec.
1984	28,3	31,6
1985	23,4	16,3
1986	45,1	28,1
1987	11,9	19,7
1988	27	33,7
1989	21,9	26,1
1990	55,1	67,2
1991	31,7	12,4
1992	7,3	13,9
1993	23,1	14,8
1994	18	15,8
1995	10,9	13,9

Source: BCP - Boletín de Cuentas Nacionales 1985-1995

ANNEX 10.3

ANNUAL AVERAGE OF NOMINAL EXCHANGE RATE OF US DOLLAR (guaranies)	
YEAR	ANNUAL AVERAGE
1984	388
1985	613
1986	703
1987	807
1988	934
1989	1145
1990	1230
1991	1327
1992	1510
1993	1750
1994	1915
1995	1973

Source: BCP - National Account Bulletin 1985-1995

ANNEX 10.4

REAL EXCHANGE RATE OF US DOLLAR (guaranies)	
	Nominal Exchange Rate adjusted by domestic and foreign inflation rates
1984	143,2
1985	182,1
1986	156,3
1987	151,3
1988	147,3
1989	148,4
1990	119,3
1991	103,8
1992	103,2
1993	101,9
1994	94,4
1995	87,6

Source: BCP - National Account Bulletin 1985-1995

ANNEX 10.5

EFFECTIVE BANK INTERESTS RATES						
Monthly averages in annual percentages						
ACTIVE RATES IN NATIONAL CURRENCY						
OPERATIONS	1991	1992	1993	1994	1995	1996*
Commercial loans	30,83	33,84	36,78	35,58	33,64	30,24
Development loans 1/	27,49	31,80	30,51	31,76	31,68	28,94
Personal loans	39,63	39,44	44,04	42,11	41,16	38,91
Others 2/	31,79	34,75	30,04	26,67	32,92	27,54
ACTIVE RATES N/C	32,44	34,96	35,34	40,56	34,98	30,42
Overdrafts	S/D	S/D	52,74	53,91	55,56	55,41
Credit cards	S/D	S/D	46,13	46,94	49,67	57,37
WEIGHTED AVERAGE	34,45	39,47	40,80	41,14	41,68	41,91

Source: Banco Central del Paraguay - Finance Indicators

Notes :

1/ From sep 93, agriculture loans funded by Legal face reductions are also included, according to BCP resolution number 321/93.

2/Personal loans, other kinds loans and advance payment for import

ANNEX 10.6

PRODUCER REAL PRICES INDEX (1)											
BASE 1982=100											
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Cotton	142,8	136,7	181	1652,7	197,2	169,2	144,6	125,6	130,8	138,3	146,8
Maize	170,5	124,3	173,6	133,8	123,9	250	181,6	106,9	152,3	162,1	186,3
Mandioc	93,6	151,8	102,1	132,1	110,6	122,6	156,2	155,6	114,7	126	138,4
Soy bean	119,4	152,8	113,7	197,8	176	116,5	103,6	125,9	125,1	118,2	88,3
Sugar cane	97,5	101,6	123,6	123,1	159,5	144,3	124,3	111	98	113,1	115,1
Wheat	104,8	93,6	83,3	80,4	82	66,2	63,8	69,7	59,5	49,8	54,9

Source: Banco Central del Paraguay - National Account Bulletin 1985 -1995

ANNEX 10.7

NOMINAL AND REAL WAGE INDEX BASE 1980 = 100								
Year	Manufacture industries	Construction	Electricity Gas, Water and Sanitary Service	Commerce	Transport Storage, and Communication	Service	Indice General Nominal	Indice General Real
1980	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
1981	120,3	119,3	120,0	124,5	119,4	121,5	120,0	105,3
1982	122,7	119,9	128,8	126,7	128,2	121,6	124,6	102,4
1983	128,5	120,5	145,1	134,6	135,8	130,5	131,4	95,2
1984	153,6	148,4	162,2	163,9	146,5	171,6	152,4	91,8
1985	185,9	193,6	220,9	202,1	175,5	231,1	186,8	89,8
1986	238,2	257,7	268,2	268,5	211,8	304,1	235,4	85,9
1987	327,3	379,1	375,2	382,6	278,7	433,8	322,1	96,5
1988	443,2	519,6	463,1	528,0	353,8	589,3	426,8	103,9
1989	555,3	650,2	695,3	652,0	534,1	735,2	567,8	109,8
1990	731,6	846,9	872,2	798,8	689,9	935,8	739,8	103,5
1991	867,4	1016,5	1027,6	914,6	944,9	1085,3	911,5	102,6
1992	959,3	1253,3	1261,8	966,8	1145,4	1125,7	1049,4	102,6
1993	1132,4	1460,0	1615,6	1121,8	1416,2	1304,3	1263,9	104,5
1994	1391,4	2029,1	1681,6	1410,3	1721,1	1417,9	1534,3	105,2
1995	826,6	1232,5	1019,8	863,8	1020,6	763,6	912,6	55,0
1996*	1824,2	2710,9	2256,2	1768,8	2456,8	1959,4	2074,1	113,9

* until June, 1996

Source : Banco Central del Paraguay - Monthly Economic Information

ANNEX 10.8

EVOLUTION OF MINIMUM WAGE BASE 1980=100						
PERIOD	CPI BASE 1980=100	MINIMUM WAGE		MINIMUM WAGE INDEX		PURCHASING POWER VARIATION COMPARED TO 1980
		NOMINAL	REAL	NOMINAL	REAL	
1985	209,1	45.375	21.701	205,6	98,4	-1,6
JANUARY		39.570				
FEB/SEPTEMBER		43.530				
OCT/DECEMBER		52.230				
1986	274,7	65.408	23.806	296,4	107,9	7,9
JANUARY		52.230				
FEB./JUNE		60.060				
JULY/DECEMBER		72.060				
1987	334,3	90.780	27.152	411,4	123,1	23,1
JANUARY		86.460				
FEB/SEPTEMBER		86.460				
OCT/DECEMBER		103.740				
1988	412,1	122.678	29.767	556,0	134,9	34,9
JAN./FEB.		103.740				
MARCH/SEPTEMBER		119.310				
OCT/DECEMBER		143.160				
1989	519,2	155.690	29.987	705,6	135,9	35,9
JAN./MAY		143.160				
JUNE/DECEMBER		164.640				
1990	717,2	207.098	28.877	938,6	130,9	30,9
JANUARY		185.220				
FEB/JUNE		185.220				
JULY/SEPTEMBER		213.000				
OCT/DECEMBER		244.950				
1991	890,9	244.950	27.494	1.110,1	124,6	24,6
JAN./DECEMBER		244.950				
1992	1.026,3	257.198	25.062	1.165,6	113,6	13,6
JANUARY/JUNE		244.950				
JULY/DECEMBER		269.445				
1993	1.213,1	292.361	24.100	1.325,0	109,2	9,2
JANUARY/MARCH		269.445				
APRIL/DECEMBER		300.000				
1994	1.462,6	362.250	24.767	1.641,7	112,2	12,2
JANUARY/JUNE		345.000				
JULY/DECEMBER		379.500				
1995	1.658,6	417.450	25.169	1.891,9	114,1	14,1
JANUARY/APRIL		379.500				
MAY/DECEMBER		436.425				
1996 *	1.802,0	458.246	25.603	2.090,9	116,0	16,0
JANUARY/MARCH		436.425				
APRIL/JULY		480.068				

Source : Banco Central del Paraguay - Monthly Economic Information

ANNEX 11

COMPOSITION OF THE AGRICULTURAL PRODUCTION (*)								
	1990	1991	1992	1993	1994	1995 (**)	AVERAGE	GROWTH 1996 (***)
A. PERMANENT CULTIVATION								
SUGAR CANE								
Industrial use and other uses	4,1	4,3	4,3	4,2	4,2	4,1	4,2	2,2
B. TEMPORAL CULTIVATION								
CEREALS								
Soybean	18,8	15,4	24,4	25,1	26,0	28,7	23,1	8,0
Maize	5,2	5,2	5,9	5,3	5,8	9,2	6,1	-20,0
wheat	7,4	5,4	6,9	8,3	7,6	3,8	6,6	-44,0
VEGETABLES AND LEGUMES								
Bean	1,6	1,7	1,5	1,6	1,6	2,0	1,7	-19,0
Tomato	1,2	1,5	1,6	1,5	1,4	1,3	1,4	na
FRUITS								
Sandia	2,0	2,1	2,1	2,0	2,1	1,7	2,0	na
INDUSTRIAL CULTIVATION								
Cotton en Rama	14,5	17,7	11,1	11,1	10,4	11,3	12,7	-29,0
Total (A) Adjusted	15,2	16,7	16,7	19,1	18,8	15,6	17,0	
Total (B) Adjusted	84,8	83,3	83,3	80,9	81,2	84,4	83,0	
GROSS VALUE ADDED AT MARKET PRICES	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0

na: not available

* 1982 = 100

** Provisional Figures

*** Estimation

Source : Elaborated on Banco Central del Paraguay data

ANNEX 12

COMPOSITION OF THE INDUSTRIAL PRODUCTION(*)							
	1990	1991	1992	1993	1994	1995 (**)	AVERAGE
Food Products (drinks not included)	25,4	28,6	32,9	30,8	32,6	32,2	30,4
Drink industry	8,0	8,1	8,0	8,9	9,7	10,3	8,8
Textile manufacture	8,0	6,5	6,7	6,6	5,9	6,3	6,7
Leather and skin, Prod.Simi.(shoes not included)	1,8	1,9	3,1	3,8	3,6	3,8	3,0
Manufacture of shoes(rubber shoes not included)	2,3	2,5	2,1	1,6	1,2	1,2	1,8
Wood and cork industry (furniture not included)	11,8	11,7	13,1	13,6	14,8	15,2	13,4
Manufacture of wooden furniture and accesories	1,2	1,3	1,2	0,9	0,9	0,9	1,1
Printing, Editorials and related industries	3,0	3,1	3,6	4,3	4,6	4,9	3,9
Products derived from petrol	9,1	8,3	7,0	5,6	5,6	3,9	6,6
Manufacture of plastic products nep.	1,6	1,7	2,1	4,2	3,2	2,7	2,6
Manufacture of non-metalic mineral products	3,9	4,0	3,4	4,2	3,8	4,3	3,9
Manufacture of metalic products except machinery and equipments	1,7	1,7	1,4	1,1	0,6	0,6	1,2
Construction de Material of Transport	1,5	1,7	1,4	1,1	0,7	0,7	1,2
Crafts	11,9	10,0	7,2	7,2	6,9	7,1	8,4
GROSS VALUE ADDED AT MARKET PRICES	100,0	100,0	100,0	100,0	100,0	100,0	100,0

* 1982 = 100

** Provisional Figures

Source : Elaborado en base a datos del Banco Central del Paraguay

ANNEX 14

EVOLUTION OF THE POPULATION DISTRIBUTION PER LEVELS OF EDUCATION						
Population of 7 years or above according to education level						
Education level	National Census of 1972		National Census of 1982		National Census of 1992	
	Population	Percentage	Población	Porcentaje	Población	Porcentaje
No education	282.190	15,31%	249.684	10,40%	270.194	8,68%
Primary	1.335.922	72,46%	1.645.306	68,50%	2.038.062	65,44%
Secondary	193.098	10,47%	405.900	16,90%	684.989	22,00%
University	23.311	1,26%	54.492	2,27%	110.508	3,55%
Not declared	9.230	0,50%	46.423	1,93%	10.445	0,34%
Total	1.843.751	100,00%	2.401.805	100,00%	3.114.198	100,00%

Source: National Census of Population and Households.

ANNEX 15

EVOLUTION OF EDUCATION PROGRESS PROBABILITIES						
Retention					Threshing	
Year	1st grade	Year	6th grade	Percentage	No. students	Percentage
1985	137.733	1990	65.758	47,7%	71975	52,3%
1986	141.793	1991	71.778	50,6%	70015	49,4%
1987	151.134	1992	78.757	52,1%	72377	47,9%
1988	157.224	1993	85.026	54,1%	72198	45,9%
1989	162.815	1994	91.300	56,1%	71515	43,9%
1990	nd	1995	nd	nd	nd	nd

Source: National Census of Population and Housing, Educational Census.

ANNEX 16

NUMBERS OF BED AND HOSPITALS PER REGION , 1992							
Regions	Health Posts	Health Care Centers	Special Hospitals	Health Care Posts	Beds in Health Care Centers	Special Hospitals	Total
I.- Concepción	5	24	--	15	94	--	109
II.- San Pedro	9	36	--	42	80	--	122
III.- Cordillera	12	19	--	40	74	--	114
IV.- Guairá	8	27	--	38	102	--	140
V.- Caaguazú	12	44	--	49	128	--	177
VI.- Caazapá	7	27	--	21	127	--	148
VII.- Itapúa	13	54	--	9	163	--	172
VIII.- Misiones	10	18	--	5	56	--	61
IX.- Paraguari	15	22	1	35	138	60	233
X.- Alto Paraná	7	30	--	31	163	--	194
XI.- Central	15	16	3	19	134	368	521
XII.- Neembucú	2	22	--	12	33	--	45
XIII.- Amambay	3	11	--	6	79	--	85
XIV.- Canindeyú	3	12	--	8	22	--	30
XV.- Chaco	9	28	--	44	66	--	110
XVI.- Capital	13	11	9	3	206	417	626
Total *	130	390	4	374	1459	428	2261

* Asunción is not included

Source : Poverty and Social Sectors in Paraguay, World Bank, 1994.

ANNEX 17

PEOPLE ARRESTED FOR CRIMES AND PUT INTO PRISONS				
CRIMES	YEAR			
	1988	1990	1992	1994
Total	1,828	2,170	4,498	3,304
Animal robbery	55	118	151	66
Residence Assault	55	81	46	32
Swindle	99	105	559	227
Issue of Checks without Fund	53	41	189	83
Homicide	173	142	162	132
Robbery	334	482	811	537
Theft	145	127	252	153
Rape	55	51	78	70
Others	859	1,023	2,250	2,004

Source: Annual Statistics of Paraguay -National Police. Judicial Department

ANNEX 18.1

NUMBER OF CONNECTIONS AND USERS OF DRINKABLE WATER						
Year	ASUNCION		COUNTRYSIDE		TOTAL	TOTAL
	Connections	Users	Connections	Users	Connections	Usuarios
1988	88.191	440.955	42.612	213.060	130.803	654.015
1989	89.455	447.275	44.588	222.940	134.043	670.215
1990	91.419	502.805	47.480	247.200	138.899	750.005
1991	93.956	516.758	51.090	456.880	145.046	973.638
1992	96.443	482.215	55.122	275.610	151.565	757.825
1993*	119.616	598.080	36.254	181.270	155.870	779.350
1994*	127.168	635.840	39.092	195.460	166.260	831.300

* Asunción and Great Asunción

Source: Anuario Estadístico del Paraguay 91/92/93/94

ANNEX 18.2

NUMBER OF USERS OF ELECTRIC ENERGY		
Year	Total Users	Incorporated during the Year
1990	406.418	--
1991	445.106	38.688
1992	487.101	41.995
1993	548.659	61.558
1994	622.442	73.783
1995	710.202	87.760
1996 (1)	743.969	33.767

(1) Information until May, 1996

Source: Annual Statistics of Paraguay, 1992/93/94. Information of Presidente de la República al Congreso Nacional

ANNEX 19

LAW PROJECTS UNDER CONGRESS STUDIES	
•	Purchase of Goods and Services Law
•	Public Service Law
•	Strengthening of the Institutional Resources Law
•	Financial Corporations Law
	Financial Administration Law.
	Maquila Law.
	Tax System Reform Law.
	Investments Guarantee Law
	Capital Market Law.
	Marks Law
	Ministry of Agriculture Law
	External Auditing Law
	Social Security System Reform Law.
	Fiscal Pension Fund Reform Law.
	Classifier Risks Enterprises Law.
	Invention Patents Law
PRESENTED AND PROMULGATED LAW PROJECTS	
	Central Bank Law
	Bank and Financiers Law
	Corporations Law
	Privatization Law
	Free Zones Law
	Reforestation Law
	Mining and Hydrocarbon Law
	Fiduciary Business Law
	Capital Market Law
	Security Enterprises Law
	Risks Classifier Law
	Commodities Exchange Law
	External Auditing Law
	Patrimonial Funds Law
	Regularization and Revaluation Law
	Telecommunications Law
	Modification of Antelco Law
	National Bonds Law
	International Bonds Law
	Financial Administration Law

ANEXO

(別添参考資料)

III. 農業・林業部門

ANNEX

Annex of section 1:

Table A.1.1 Cotton Cultivated Area and Output					
	Total	Number	Cultivated	Output	Yield
	farm	of	Area	Tn	
	with land	farms			Kg./ ha
1996***				332.000	
1995***				461.239	
1994 **	n.d.	n.d.	381.186	379.877	997
1993 **	n.d.	n.d.	235.454	420.772	1787
1991 *	299.259	189.554	414.691	631.728	1523
1981 *	241.652	138.214	242.883	316.941	1305
Variation 19 81-91 (%)	23,8	37,1	70,7	99,3	
Size of the farm (hectares) 1991					
Less than 1 ha.	21.977	1.291	466	704	1511
Between 1 and 5 ha.	92.811	56.394	61.907	91.259	1474
Between 5 and 10 ha.	66.605	52.904	99.993	152.513	1525
Between 10 and 20 ha.	66.223	52.314	131.338	206.391	1571
Between 20 and 50 ha.	31.519	21.284	72.511	111.965	1544
Between 50 and 200 ha.	11.856	4.403	25.601	37.686	1472
Between 200 and 500 ha.	3.503	622	8.330	11.125	1335
Between 500 and 5.000 ha.	3.881	301	10.042	14.081	1402
More than 5.000	884	41	4501	6.002	1333

Source: DCEA, * Censo 1991

** Agriculture and Livestock Production 93 /94.

Economic Information Office (abc color 18-8-96)***

Table A.1.2. Soy bean Cultivated Area and Output						
	Total Farm with land	Number of farms	Cultivated Area	Output Tn	Yield kg/ ha	
1996***			850.000	2.460.000	2894	
1995***			735.503	2.212.109	3008	
1994**			694.117	1.795.792	2587	
1993**			634.117	1.793.544	2825	
1992***			594.811	1.192.074	2004	
PARAGUAY 1991*	299.259	26.720	552.657	1.032.675	1869	
1981*	241.652	29.663	396.902	769.186	1942	
Variation (%)	23,8	-9,9	39,2	34,3	-3,76	
Size of the farm (hectares) 1991						
Less than 10 ha.	181.393	6.385	13.762	25.679		
Between 10 and 100 ha	105.319	17.885	203.850	377.000		
Between 100 and 200 ha	4.279	1.329	86.709	160.448		
Between 200 and 1,000 ha	5.028	980	154.407	291.351		
More than 1,000	3.240	141	93.930	178.198		

Source: DCEA, * Censo 1991 ; ** Producción Agropecuaria 93 /94. *** Tomado de Noticias 17-11-96

Table A.1.3.: Soy bean Cultivated Area and Output					
Producer Regions	Total Farm with lands	Number of farms	Cultivated Area	Output Tn	
EASTERN REGION	292.913	26.717	552.455	1.032.311	
01. CONCEPCIÓN, 02. SAN PEDRO	55.989	849	32.842	57.606	
13. AMAMBAY					
05. CAAGUAZU	43.475	1.070	21.799	41.893	
06. CAAZAPA	20.331	1.161	8.931	16.355	
07. ITAPUA	40.376	15.132	210.523	364.113	
03. CORDILLERA , 04. GUAIRA	99.606	171	827	1846	
08. MISIONES; 09. PARAGUARI,					
11. CENTRAL, 12. ÑEEMBUCU					
10. ALTO PARANÁ	21.427	5.967	228.504	456.299	
14. CANINDEYU	11.809	2.367	49.030	94.200	
WESTERN REGION	6.346	3	202	364	

Table A.1.4.: Maize Cultivated Area and Output					
	Total Farm	Number of	Cultivated Area	Output	Yield
	with lands	farms	Has.	Tn	Tn/ha.
1996			324.601	654.074	2.0
1995			330.961	816.166	2.5
1994	n.d.	n.d.	218.385	461.665	2.1
1993	n.d.	n.d.	249.081	439.145	1.8
PARAGUAY 1991	299.259	211.692	243.215	401.339	1.6
1981	241.652	182.279	262.782	413.081	1.6
Variation 19 81/91 (%)	23,8	16,1	-7,5	-2,9	
Size of the farm 1991					
Less than 1 ha.	21.977	3.899	924	1.132	1.2
Between 1 and 5 has.	92.811	63.277	33.543	43.403	1.3
Between 5 and 10 has.	66.605	54.561	45.677	67.327	1.5
Between 10 and 20 has.	66.223	55.618	62.732	102.151	1.6
Between 20 and 50 has.	31.519	25.368	45.741	80.320	1.8
Between 50 and 100 has.	7.577	4.925	14.924	28.132	1.9
Between 100 and 1.000 has..	9.307	3.469	22.746	45.971	2.0
More than 1.000 has.	3.240	575	16.926	32.904	1.9

Source: Censo Agropecuario 1991, y Estimaciones de Producción del MAG-DEAC

Table A.1.5. Watered Rice Cultivated Area and Output					
	Total of farms with lands	Number of farms	Cultivated Area	Output	Yield tn/ha
1996			20.790	76.282	3.7
1995			19.480	80.146	4.1
1994	n.d.	n.d.	18.134	72.146	4.0
1993	n.d.	n.d.	18.125	68.358	3.8
PARAGUAY 1991	299.259	1.433	10.711	33.917	3.2
1981	241.652	2.775	9.148	29.030	3.2
Variation (%)	23,8	-48,4	17,1	16,8	
Size of the farm					
Less than 5 has.	114.788	141	103	270	
Between 5 and 10 has.	66.605	269	254	612	
Between 10 and 20 has.	66.223	388	487	1.465	
Between 20 and 50 has.	31.519	335	938	2.717	
Between 50 and 500has.	15.359	253	4.550	14.313	
Between 500 and 1,000 has.	1.525	23	1.629	5.170	
More than 1,000	3.240	24	2.750	9.370	

Source: DEAC-MAG: Censo Agropecuario 1991 y Estadísticas de Producción

Table A.1.6. Manioc Cultivated Area and Output (human and animal consumption).					
	Total of farms with lands	Number of farms	Cultivated Area	Output Thousands of tn	Yield tn / ha.
				2.820	
1995				3.054	
1994			174.278	2517	14.4
1993			183.829	2655	14.4
PARAGUAY 1991	299.259	229.462	175.572	2584	14.7
1981	241.652	200.147	178.009		
Variation (%)	23,8	14,6	-1,4		
Size of the farm 1991					
Less than 1 ha.	21.977	7.418	1.953		
Between 1 and 5 has.	92.811	73.875	38.791		
Between 5 and 10 has.	66.605	57.245	42.198		
Between 10 and 20 has.	66.223	56.658	49.770		
Between 20 and 50 has.	31.519	25.366	28.050		
Between 50 and 100 has.	7.577	4.776	6.382		
Between 100 and 200 has.	4.279	1.963	2.795		
Between 200 and 1,000 has.	5.028	1.556	2.717		
More than 1,000	3.240	605	2.915		

Source: MAG-DEAC, Censo Agropecuario 1991 y Estadísticas de Producción.

TABLE 1.7

CARROT CULTIVATED AREA AND OUTPUT					
	Number of farms	Average Area per Producer	Cultivated area	Output Tn	Yield x ha tn
1996			748	8.839	11.8
1995			717	8.808	12.3
1994			514	6.350	12.4
1993			512	5.674	11.1
1991	912		464	5.212	11.2
1981	1.609		711	4.481	6.3
Variation 81/91 (%)	-43,3		-34,7	16,3	78

TABLE 1.8

ROSARY BEAD CULTIVATED AREA AND OUTPUT					
YEAR	Number of farms	Average area	Cultivated area	Yield Tn x ha.	Output
1996			195	11.5	2240
1995			181	11.4	2068
1994			183	11.4	2088
1993			186	11.5	2140
1991	584	0.3	174	11.5	2002
1981	1.211	0.12	145	5.1	735
Variac.81-91.%	51,8	150	20	125	172,4

TABLE 1.9
PINEAPPLE CULTIVATED AREA AND OUTPUT. YEARS 1991 Y 1981

PARAGUAY	Number of farms	Thousands of plants at production	Output Tn	Cultivated area in compacted way	Average area per producer
1991	16777	47278,9	33462	2706	0,16
1981	16533	25481,8	16936	2028	0,13
Variation (%)	1,5	85,5	97,6	33,4	

**TABLE 1.10
BANANA CULTIVATED AREA AND OUTPUT**

	Total of farms with lands	Number of farms	Number of plants at production	Output	Cultivated area in compacted way
1996			9.324.500	66.752	9.092
1995			9.327.761	69.770	9.000
1994			10.239.364	75.767	9.575
1993			10.223.710	89.874	9.566
PARAGUAY1991	299.259	71.228	9.628.467	84.620	9.030
1981	241.652	67.911	8.260.515	77.602	10.497
Variation (%)	23,8	4,9	16,6	9,0	14,0

TABLE 2.1. :

TYPE OF PRODUCERS WHICH OPERATE WITH LARGE ENTERPRISES			
Number of producers	Size of the land Ha	Cultivated area Ha	Yield x ha.
80%	60 to 120	40 to 100	3 tn (1993)
20%	> to 120	> 100 ha	3 tn (1993)

TABLE 2.2

TYPE OF PRODUCERS WHICH OPERATE WITH COOPERATIVES			
Number of Producers	Size of the land Ha	Cultivated Area	Yield x ha
150 (10%)	> 60	> 50	2800 kg
450 (30%)	15 to 60	10 to 50	2500 kg.
900 (60%)	< to 15	< to 10 ha.	2000 kg

TABLE 2.3

TECHNOLOGIES UTILIZED FOR PETIT GRAIN PRODUCTION				
Technology utilized	Yield	Conversion	Waste	Elaboration Time
Artisan	4%	250 kg leaves x 1 kg essence	15%	8k in 24 hs
Modern	5%	250 kg leaves x 1 kg essence	2%	40kg in 24 hs
Average		250		24kg in 24h

TABLE 2.4

THREATS AND OPPORTUNITIES TO THE BANANA SECTOR WITHIN DE PRECESS OF OPENESS AND REGIONAL INTEGRATION	
THREATS	OPPORTUNITIES
<ul style="list-style-type: none"> - Entrance of final products at cheaper costs, displacing local producers. - Increase of barriers other than the tariffs 	<ul style="list-style-type: none"> - Increased market - Reduction on the costs of input - Consumers would buy cheaper products - Elimination of tariff barriers - Better access to technologies - Better oportunitioes for human resources training and education - Better access to highly quellified services

TABLE 2.5

STRENGTH AND WEAKNES OF BANANA PRODUCERS	
Sthrengths	Weaknesses
<ul style="list-style-type: none"> - Banana producers have tradition of production - They have low cost labor force - Producers are willing to continue produciong for the domestic market 	<ul style="list-style-type: none"> - Commercial cropps size are very small Limited scale economics - Administrative and management resorces are limited - Productions are very sensitive to the cold weather because they do not have water system - The education level of producers is very low - Technological Information Mangement is very rudimentary - Producers do not have saving margen capacity - Producers have difficulties to credits and technical assistances - Producers are not covered by any kind of insurances - Low quality of products for higher income consumers

TABLE 2.6

CLASSIFICATION OF MARKETS ACCORDING TO THE SIZE OF THE POPULATION					
DISTRICT URBAN POPULATION	NUMBER OF CITIES AND TOWNS	NATIONAL URBAN POPULATION (thousands)**	%	NATIONAL RURAL POPULATION **	%
Great Markets More than 30,000 inhab	7*	1.424.3	34%	176.	4,2%
Regional Markets 10,000 to 30,000 inhab	11	222.1	5%	142.7	3,4%
Zonal Markets 3,000 to 10,000 inhab	51	264.8	6,4%	626.1	15%
Local Markets Less than 3,000 inhab.	41	171.1	4%	1.105.8	27%
Total Population		2.082.3 **		2.050.6 **	

Source: Censo Nacional de Población y Vivienda 1992 (** differences with the total because of round, the census total national is 4152588). See statistics in anexo.

* It was considered Gran Asunción (San Lorenzo, Lambaré, Fdo.de la Mora, Luque, Capiatá y M.R.Alonso) and Cdad. Del Este-Pte.Franco as unity.

TABLE 2.7.

VALUE ADDED COMPOSITION, CLASSIFIED BY ECONOMIC ACTIVITIES. ENTERPRISES WHICH ARE PARAGUAYAN INDUSTRY UNION MEMBERS (thousand Gs.)						
BRANCH OF ACTIVITY	VALUE ADDED AT PRODUCER PRICE	PRODUCT AT PRODUCER PRICE (2)	MATH COST AND UTILIZED SERVICES * (3)	COST OF INPUT (4)	3/2	4/2
TOTAL	389.984	777.652.2	387.668.1	362.018.1	50 %	47 %
TOTAL AGROINDUSTRY	277.831.7	560.878.4	283.046.7	186.367.0	50 %	33 %
31. FOOD, DRINKS AND TOBACCO	212.412.7	366.844.8	154.432.0	NO DETERM	42 %	ND
32. TEXTILS, CLOTHES	65.419.0	194.033.6	128.614.6	117.271.6	66 %	60 %

* Include materials and supplies, gasoline, electricity, contract works, repairing and maintenance and stock variation.

Source: UIP, Censo de Asociados, 1991.

TABLE 3.1

STATISTICS DATA OF FDC				
Date	Number of Incorporate Physical Investment	Number of beneficiaries	Total loan mill. of Gs	index of recovering
31-10-96	46	14.571	43.246.7	97%

TABLE 3.2.

BASIC INFORMATION ON PRODUCTION STATISTICS				
	More than 5 mill US\$	2.5 to 5 mill US\$	0.5 to 2.5 mill US\$	Less than 0.5 mill de US\$
Number of Cooperatives	13	3	15	78

Source: CEPADES-JALDA, cooperatives Questionnaire, 1996

TABLE 5.1.

NUMBER OF COOPERATIVE MEMBERS WHICH HAVE AGRICULTURE AND CATTLE ACTIVITIES			
Departaments	Number of Cooperatives	Number of members	Number of members with agricultural farms
Concep. y S.Pedro	24	3331	2361
Cordillera y Central	25	21.068	487
Guairá y Caazapá	11	2630	884
Caaguazú	14	14.275	3.079
Itapúa	29	9.196	7.059
Misiones y Paraguari	18	15.092	490
Alto Paraná	24	6.166	680
Ñeembucu	1	6.700	600
Amambay y Canind.	8	650	650
	154	79.108	16.290

Source: JALDA-CEPADES, Cooperativas Questionnaire, 1996.

	Processing plants	Storage Facilities	Collector	Other Activities
Number of Cooperatives	25	42	43	20

Source: Encuesta JALDA-CEPADES, 1996

TABLE 6.1

RANKING OF MAIN MARKETS (1996)			
First Semester			
COUNTRY	AMMOUNT US\$	SHARE %	MAIN CROPS
Brazil	276.977.103	55,10	Soybean, cotton, oils, vegetal oils, maize
Holland	101.600.594	20,21	Soybean, cake and flour of soybean, vegetal oils
Argentina	23.948.806	4,76	Fiber of cotton, woods, vegetal oils
Uruguay	17.732.241	3,53	Cake and flour of soybean, leathers and cotton
USA	12.407.904	2,47	Soybean, woods, animal foods
Mexico	11.224.889	2,23	Fiber of cotton, cake of soybean, leathers
Chile	8.801.835	1,75	Beaf, leathers, fiber of cotton
Italy	7.408.118	1,47	Leathers, fiber of cotton and woods
Taiwan	6.524.626	1,30	Wood, cotton, leathers
Switzerland	6.051.990	1,20	Soybean, vegetal oils, meat
Remainder World	30.024.149	5,97	
Total	502.702.255	100,00	

TABLE 6.2.

POSSIBILITIES AND LIMITATIONS AFFECTING THE SISTEMATIC COMPETITIVENESS OF THE SECTOR		
COMMUN ASPECTS TO PRODUCERS AND PRODUCTS	POSIBILITIES	LIMITATIONS
CONSERVATION OF LAND	<i>incorporation of direct sowing and green fertilizer in large and small farms</i>	
STATISTICS OF PRODUCTION AND INFORMATION ON MARKETING	experience on data collection and processing	accesibility and utilly for the producers of such information
AGRICULTURE, LIVESTOCK AND FORESTAL INDUSTRIES RESEARCH, EDUCATION AND EXTENTION	tercerization of these services	low impacts of these direct services
RURAL CREDIT	organization of the producers to be able to utilize these credits	difficulties on the administration of credit for the small disorganized producers
FOOD QUALITIES		ineficient use of agroquimics, ineficient manipulation in factories and conservation, restrictions for export to other countries because they do not conform quality norms
STORAGE AND MANEGEMENT POST HARVEST		physical losses and quality degradation
SEEDS		no control of quality

TABLE 6.3
FODA BY PRODUCTS

PRODUCTS	POSSIBILITIES		LIMITATIONS	
	STRENGTHS	OPPORTUNITIES *	WEAKNESS	THREATS *
CITRICS		increasing demand for fresh fruits, cool, long life and fringed concentrated natural juice (JCC)	alta incidencia de plagas y enfermedades variedades no apropiadas para fresco y para jugos producción estacionalmente concentrada	
MANDIOC (Industrial starch)	diffusion and knowledge of crops		bajos rendimientos	
SUN FLOWER	availability of idle land and machinery during winter season, availability of idle industry capacity.		no disponibilidad de variedades precoces que posibilite la rotación soja-girasol	
KA'A HE'E		habilitated by the Office of Food and Medicine of the USA for the selling of esteviosids	little crop experiences. it needs intensive and technical care (similar to vegetables)	
COTTON	knowledge of crops by producers	demanda para el algodón orgánico	incremento de plagas-costos y sistema de cultivo inapropiado semillas inapropiadas	
MEDICINAL HERBS	availability of several native species	mercado creciente de productos y medicina natural	falta de investigación sobre sus propiedades y sistemas de cultivos	indefinición of programs and policies on the genetics biodiversity
PALM HEART	availability of native species	mercado internacional con déficit de producción	deforestación y explotación extractiva.	
ESSENTIAL OIL			potential market	
YERBA MATE	knowledges of the crop by producers		variabilidad de la calidad, adulteración y falsificación	competition of Argentinian yerba mate
TOMATOE AND PEPPERS			seasonal production bad use of agrochemistries	restrictions to the exports to other countries for low quality
CLOG	facilities of production	northern Argentinian market	seasonal production	

TABLE 6.3

FODA BY PRODUCTS

PRODUCTS	POSSIBILITIES		LIMITATIONS	
	STRENGTHS	OPPORTUNITIES *	WEAKNESS	THREATS *
SOYBEAN	capacity fo the producers to innovate		erosion and degradation of land water and land pollution by the use of agrochemicals	
WOODS	availability of precious native tropical species		irrational exploitation of forest with risk of exhausting the source of raw materials	no certification for export because of deforestation

* include MERCOSUR

TABLE 6.4

FODA BY TYPE OF PRODUCERS				
PRODUCERS	POSSIBILITIES		LIMITATIONS	
	STRENGTHS	OPPORTUNITIES	WEAKNESS	THREATS
SMALL SCALE PRODUCERS (CAMPEÑINOS)	flexibility to change to other crops because of the low investment of capital	production of vegetable and animal farm, intensive use of labor	prevailing modality of articulation to the market	loss of the main productive resource: the land
MEDIUM SCALE PRODUCERS (farmer or immigrated colonot)	cohesioned familiar productiveunity, capacity to organize themselves for agroindustry and commercialization		bad administrative and financial management of cooperatives, cultural and belief conflicts	insecurity of the investments: cattle robbery
LARGE SCALE PRODUCERS	availability of resources and access to technology		failure in the optimal scale of production, high financial costs	insecurity of the investments: cattle robbery and illegal occupations of properties.

ANEXO

(別添参考資料)

IV.畜産業部門

ANNEX

TABLE A.1.1: SIZE AND PRODUCTION OF THE MILK HERD

Strato by number of cows	Number of farms	%	Number of cows	%	Cows per Farm	Milk Cow per Farm	Liters per Farm	Thousands lts of accum. milk	% of accum. lts. of milk
1 to 2	90887	64	124606	24	1,37	0,85	3	280	24
3 to 4	25372	18	85821	17	3,38	2,09	8	193	17
5 to 9	15866	11	97609	19	6,15	3,81	14	220	19
10 to 19	6737	5	82061	16	12,18	7,54	27	185	16
20 to 59	3085	2	88913	17	28,82	17,83	65	200	17
60 to 99	192	0,13	13764	2	71,69	44,35	161	31	3
100 to 199	82	0,06	10284	2	125,41	77,59	282	23	2
200 and more	32	0,02	14372	3	449,13	277,88	1010	32	3
	142253	100	517430	100	3,64	2,25	8	1164	100

TABLE A.1.2.: TRADITIONAL BOVINE PRODUCTION: FINANCIAL COSTS AND INCOMES

RESUMEN	Unity	Eastern North Offspring	Eastern North Complete Cycle	Easter South Offspring	Eastern South Complete Cycle	Low Chaco Offspring	High Chaco Offspring
Total area	ha	5.000	5.000	2.000	2.000	10.000	10.000
Natural field	ha	4.500	4.500	1.800	1.800	10.000	10.000
Cultivated grass	ha	0	0	0	0	0	0
Number of cows	N°	800	510	550	410	1.950	1.900
Number of LU a/	N°	1.558	1.497	1.071	1.204	3.309	3.229
Animal Charge	UG/ha	0.3	0.3	0.6	0.7	0.3	0.3
Reproduction Rate	%	55	50	50	50	55	50
Selling of calf	N°	227	0	156	0	582	456
Selling of young bulls and young cows	N°	0	117	0	94	0	0
Cows of reform	N°	114	73	79	59	279	271
Total Sellings LW b/	t	31.8	79.8	21.9	64.2	204.3	182.4
Sellings LW/ha	kg/ha	6.4	17.7	11.0	35.6	20.4	18.2
COSTS							
Variable Costs	\$'000	14.2	13.1	10.2	10.8	27.3	26.6
Fix Costs c/	\$'000	71.7	25.6	16.8	15.4	31.0	30.6
Total Costs	\$'000	37.2	38.8	27.0	26.3	58.3	57.2
INCOMES	\$'000	44.0	40.5	30.2	32.6	114.3	99.6
NET BENEFIT	\$'000	6.8	1.7	3.2	6.3	56.1	42.4
CASH FLOW	\$'000	10.5	8.1	9.9	11.7	73.4	59.4
Active Values	\$'000	942	1782	834	845	1408	1394
Capital Rate of Return	%	0.7	0.1	0.4	0.7	4.0	3.0
Net Benefit/ha	US\$	1.36	0.34	1.60	3.15	5.61	4.24

a/LU = livestock unity b/LW = liveweight c/ Include depreciation.

TABLE A.1.3.: IMPROVED BOVINE PRODUCTION: FINANCIAL COSTS AND INCOMES

RESUMEN	Unity	Eastern South Complete Cicle	Eastern North Offspring	Eastern North Complete Cicle	Eastern South Offspring	Eastern North Offspring	Low Chaco Offspring	High Chaco Offspring
Total Area	ha	1.000	5.000	5.000	2.000	2.000	10.000	10.000
Natural Field	ha	0	4.500	4.500	1.800	1.800	10.000	10.000
Cultivated grass	ha	1.000	500	500	200	200	0	0
Number of cows	Nº	680	900	690	650	500	2.250	2.250
Number of LUa/	Nº	2.070	1.889	1.898	1.364	1.376	3.868	3.818
Animal Charge	LU/ha	2.1	0.4	0.4	0.8	0.8	0.8	0.4
Reproduction Rate	%	70	55	55	55	55	67	55
Selling of calf	Nº	0	348	0	220	0	1.018	706
Selling of young bulls and young cows	Nº	348	0	259	0	184	0	0
Cows for reform	Nº	97	129	99	93	71	321	321
Total Sellings LW b/	t	193.7	107.9	150.0	730.4	107.2	292.8	244.3
Sellings LW/ha	kg/ha	193.7	21.6	30.0	36.5	53.6	29.3	24.4
COSTS								
Variable Costs	\$'000	33.1	35.3	34.7	25.9	15.7	34.9	34.1
Fix Costs c/	\$'000	16.0	33.1	32.9	13.6	21.5	40.7	41.1
Total Costs	\$'000	49.1	68.4	67.7	39.5	37.2	75.6	75.2
INCOMES	\$'000	102.5	62.6	78.3	41.9	56.0	172.2	137.9
NET BENEFIT	\$'000	53.4	-5.8	10.6	2.4	18.8	96.5	62.8
CASH FLOW	\$'000	61.5	3.6	19.8	10.2	25.6	115.4	81.6
Active Values	\$'000	863	2.011	2.016	942	967	1548	1548
Capital Rate of Return	%	6.2	-vo	0.5	0.2	1.9	6.2	4.1
Net Benefit a/ha	US\$	53.40	-1.16	2.12	1.20	9.40	9.65	6.28

a/LU = livestock unity. b/LW = liveweight. c/ includes depreciation.

TABLE A.1.4: SUMMARY OF THE FINANCIAL MODELS OF THE SMALL FARMER PRODUCERS

SUMMARY	UNITY	SUBSISTENCE	SMALL	MEDIUM	LARGE
Total Area	ha	3.0	10.0	30.0	70.0
Natural Grass	ha	0.9	7.0	25.0	62.0
Adiculture Area	ha	2.1	3.0	5.0	8.0
Number of cows		1.0	1.0	5.0	15.0
Number of LU a/		2.0	2.0	10.0	31.8
Animal Charge	UG/h	2.2 *	0.3	0.4	0.5
Reproduction Rate	%	60	65	65	70.0
Milk/cow/year	Lts	1.800	1.800	1.800	1800
Costs					
Variable Costs	US\$	1.325	1728	3210	5008
Fix Costs b/	US\$	26	62	148	290
Costos Totales	US\$	1.351	1790	3358	5.299
Value of Production					
Milk	US\$	337	362	1811	5.053
Porks	US\$	164	176	352	327
Young bulls/cows	US\$	90	109	543	1676
Cows for reform	US\$	32	34	185	474
Chicken	US\$	165	177	242	299
Crops c/	US\$	903	1387	3.256	2894
Total Incomes	US\$	1.690	2245	6.389	10723
Net Benefit	US\$	339	455	3.031	5424

a/LU = Livestock Unity b/include depreciation. c/Include the value of production for selfconsumption
 * most of the pasture is done in communal areas.

TABLE A.1.5.: MILK PRODUCTION: FINANCIAL COSTS AND INCOMES

SUMMARY	Unity	Dpto. Central milk	Col. Undas milk	Col. Unidas milk	Col. Unidas milk	Menno milk + meat	Menno only milk
Total Area	ha	11	50	20	50	145	50
Natural Field	ha	0	20	12	20	0	0
Pasture	ha	1	15	5	27	120	40
Agriculture area	ha	9	15	3	3	10	5
Number of cows	Nº	50	60	33	60	70	40
Milk/cows	L/yr	5.500	4.200	4.200	2.500	2.000	3.600
COSTS							
Variable Costs	\$'000	43.5	23.4	11.4	15.7	39.2	16.0
Fixed Costs	\$'000	20.6	12.9	13.5	6.1	32.4	10.6
Total Costs	\$'000	64.1	36.2	24.9	21.8	71.6	26.6
INCOMES	\$'000	93.7	46.2	28.9	36.8	62.1	34.4
NET BENEFIT	\$'000	29.6	10.0	3.9	14.8	-9.4	7.9
Costs/L	\$	0.23	0.14	0.18	0.15	0.51	0.18
Value of actives	\$'000	167	115	56	76	73	119
Capitall rate of return	\$'000	17.7	8.7	7.1	19.4	Negative	6.6

TABLE A.1.6.: ECONOMIC PRICES OF THE MAIN LIVESTOCK PRODUCTS

Milk production UHT (larga vida)	G/US\$ 460
Pasteurized milk production	G/US\$ 740
Cheese production	G/US\$ 940
Other dairy products	G/US\$ 180
Meat for exportation	G/US\$ 420
Meat from cold-storage plant (local consumption)	G/US\$ 430
Meat from slaughterhouse (local consumption)	G/US\$ 550

Table A.1.7.: DETAIL OF ACTIVITIES OF FECOPROD MEMBERS

Name	milk	Bovine	Hut	Meat	Pork	Sausages	Chicken, eggs	Balanced	Chick	Honey
Bergthal	X	X			X					
C.Pfannl							XX	X		
Col.Unidas	X			X		X				
COVISA								X	XX	
Chortitzer	X	X	X	X		X				
Ferheim	X		X	X		X				
Friesland	X			X		X				
Jakuy	X				X					
Integ.Col. Naranjito		X			X					
La Colmena										X
La Holanda	X									
Lago Azul		X			X					
Neuland	X	X	X			X				
Pindó		X			X					
Raúl Peña		X			X					
Santa María		X			X					
Volendam		X			X					
Yegros		X			X					
Zacatecas	X	X			X	X				

TABLE 1.1

LIVESTOCK POPULATION			
SPECIES	1991 (millions of heads)	Changes 1981/1991	Changes 1994/1996
Bovine	7.63	18% bigger	8% bigger
Porcine	1.0	no change	21% bigger
Ovine	0.36	no change	no change
Caprine	0.1	4% bigger	no change
Equine	0.33	no change	no change
Birds	11.0	no change	7% bigger

Source: DCEA, Censo 1991 y Estadísticas Agropecuarias 1993/94 y 1995/96

TABLE 1.2

DISTRIBUTION OF THE HERDS BY SIZE				
Size of the herd	Number of producers by type	Number of producers by type as % out of total	Number of cattle by type	Number of cattle by type as % out of total
1-9	160.823	70.00	647.550	8
10-99	61.199	27.00	1.410.129	18
100-499	5.199	2.00	1.113.512	15
500-999	1.011	0.40	687.833	9
1000-4999	1.103	0.50	2.245.975	29
>5000	143	0.06	1.521.644	16
TOTALS	229.478		7.626.617	

Source: Estimated on Censo Agrícola Nacional de 1991 data.

TABLE 1.3

BOVINE INDICATORS OF MEAT	
Extraction	13.4 %
Annual Growth	1.5 %
Adults Mortality	2.0 %
Loss between pregnancy and branding	10.0 %
Average liveweight of slaughter	360.0 kg.

TABLE 1.4

PERCENTAGE OF SLAUGHTER/YIELD OF THE QUIVER		
Female	50 %	169.0 kg.
Male	55 - 56 %	209.0kg.
Weight of quiver with leather		197.0 kg
Percentage of branding		50.0 %
Age of the young bulls		2.5 - 3.5 years (improved pasture) 4 - 5 años (natural pasture)

TABLE 1.5

CHARACTERISTICS OF PRODUCTION OF THE MAIN MILK REGIONS							
Region	Farms	Milk Cows	Liters/day	% milk/group	Cows/group	liters/group	liters/cow
1	38.662	87.611	421	36	2	11	4.8
2	50.691	113.223	374	32	2	7	3.3
3	2.761	32.440	174	15	12	62	5.4
4	30.523	86.582	194	17	17	6	2.2
Total	122.667	320.136	1164	100	3	9	3.6

Región 1: Caaguazú, Central, Alto Paraná y Canindeyú; Región 2: Itapúa, San Pedro, Paraguari y Cordillera;

Región 3: Presidente Hayes y Boquerón; y Región 4: the remainder departments

TABLE 1.6

MILK PRODUCTION BY REGION		
REGION	LITERS/DAY (000)	% OUT OF TOTAL
1	208	30
2	189	27
3	168	24
4	128	19
TOTAL	693	100

TABLE 1.7

PARAMETERS OF THE MILK SUBSECTOR	
Farms with milk cows	142.000
Number of milk cows and young cows	517.000
Number of cows in lactation period	320.000
Total of produced milk	1.164 m lt/día (lpd)
Average of milk cows per farm	3.64
Percentage of liters per cows in lactation period per farm	2.61
Average of liters of milk per cows per day	3.64
Average of liters of milk per farm per day	9.40

TABLE 2.1

INFLUENCE OF THE LIVESTOCK PRODUCTS ON THE FAMILIAR BASKET	
MEAT	21.6 %
MILK	9.2 %
CHICKEN	2.6 %
EGGS	2.3 %
SAUSAGES	2.3 %
CHEESE	1.8 %

TABLE 2.2

ANNUAL PER CAPITA CONSUMPTION	
MEAT	46 Kg
MILK	47 Kg
CHICKEN	7 Kg
EGGS	8.3 dozens

CUADRO 2.3

PER CAPITA CONSUMPTION OF LIVESTOCK PRODUCTS			
Kilogrames per year			
PRODUCTS	URBAN ZONE	RURAL ZONE	NACIONAL
Beef	46.2	27.7	37.3
Milk (lt)	47.9	47.9	47.9
Chicken	6.9	13.9	10.3
Eggs (doz.)	8.3	16.6	12.3
Sausages	1.6	0.2	0.9
Cheese	2.3	4.6	3.4
Fish	0.8	4.0	2.3
Pork	0.9	4.6	2.7

TABLE 2.4

CONSUMPTION OF LIVESTOCK PRODUCTS, 1982-1992 (Kgr./person)						
	1980-82	1983-85	1986-89	1990	1991	1992
Bovine	54	48.5	42	37.4	33.9	32.2
Pork	11	1.5	12	13		
Chicken	10	11	12	14		
Milk	52	54	52	55.4		
Eggs	11.5	12.5	14	15.2		

Source: Apparent consumption of BCP and FAO estimations.

TABLE 2.5

PRICES OF LIVESTOCK PRODUCTS						
Gs of 1982	1980	1988	1989	1990	1991	1992
Bovines	394	285	288	296	300	274
Chicken	189	127	151	130	169	
Milk	68	41	43	n.d.	n.d.	n.d.
Eggs	113	103	108	109	106	100
Current US\$	1991	1992	1993	1994	1995	1996
Milk	0,30	0,26	0,25	0,25	0,25	0,24
Bovines	0,63	0,62	0,70	0,80	0,80	0,70

Source: S.S.G-MAG, Estadísticas ganaderas; Datos Agropecuarios, dlc. 1996

TABLE 2.6

DISTRIBUTION OF CONTROLLED SLAUGHTERS IN 1992		
Slaughter	'000 cabezas	% Total
Total slaughtered cattle	1157	100.0
Cattle slaughtered in slaughterhouses	753	65.1
- purchased at fairs	220	19.0
- direct purchasing	533	46.1
Slaughter for exports	304	26.3
- purchased at fairs	40	3.5
- direct purchasing	264	22.8
Slaughter for domestic market	100	8.6
- purchased at fairs	20	17.3
- direct purchasing	80	69.1

TABLE 2.7

ESTIMATED VALUES OF SLAUGHTERED CATTLE PRODUCTS (1992)		
MARKET	Incomes(millions US\$)	% out of total incomes
Selling of meat		
- Paraguay	203.0	75.9
- Export	32.6	12.3
Others	31.8	11.9
Total	267.4	100.0

TABLE 2.9

MAIN MARKET OF TANNED LEATHER		
COUNTRY	SHARE % 91	SHARE % 95
United States of America	33	13
Italy	23	16
Chile	11	n.r.
France	n.r.	27
Other countries	33	44

TABLE 3.1

ANNUAL GRANTED LOANS DURING PERIOD 1992/1996 BY LIVESTOCK FUND (THOUSANDS OF MILLIONS OF Gs.)										
CATEGORIES	1992		1993		1994		1995		1996	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount	Number	Amount
A. Development	278	16,9	252	20,5	265	23,1	195	20,5	243	23,8
Small	47	1,4	45	1,7	42	2,1	30	1,0	77	4,1
Medium (*)	117	5,9	122	9,3	133	8,7	96	7,7	134	12,8
Large	114	9,6	85	9,4	90	12,4	69	11,8	32	6,9
B. Commerce	191	9,5	262	13,1	207	13,7	194	14,0	231	17,1
TOTAL	469	26,4	514	33,6	472	36,8	389	34,5	474	41,0

Source: Fondo Ganadero. (*) Include agroindustrial loans

TABLE 3.2

COOPERATIVES OF PRODUCTION ACTIVITIES										
Name	Milk	Bovines	Hut	Meat	Porcines	Sausage	Chicken, eggs	Balanced	Chicks BB, InA vic.	Honey
Number of Cooperative.	9	11	3	4	10	6	2	2	2	1

Source: FECOPROD.

	1990	1991	1992	1993	1994	1995	1996
Amount of milk delivered to Milk Plants (millions of lts)	17.8	69.9	90.7	99.3	102.5	132.3	122.0

TABLE 4.1

POSSIBILITIES AND LIMITATIONS OF THE LIVESTOCK SECTOR IN PARAGUAY				
PRODUCTS	POSIBILIDADES		LIMITATIONS	
	STRENGTH	OPORTUNITIES (include MERCOSUR)	WEAKNESS	THREATS (include MERCOSUR)
BEEF	System of low costs which make them internationally competitive. The cost of land, labor, cattle, and electric energy are relatively cheap. The costs of transport for meat and cattle are expensive, but not to the point which could annul the other advantages. The export industries is competitive in the context of MERCOSUR.	In the medium and long term it will have access to the non aftosic market, acces to the Hilton fee. To the Chilean, Argentinian and Brazilian market in the short term.	<p>technical-productives:</p> <ul style="list-style-type: none"> - scarcity of leguminosuses forage plants - Poor management of pastures - Deficient conservation of forage in winter -Bad selection of reproducers -deficient selection of worms -fisiological stress <p>Social economics:</p> <ul style="list-style-type: none"> -commercial sector seeks for benefits in the short term, rather than a good production and self sustained benefits in the medium and long term. operate in the aftosic circuit in the short term. growing competitiveness of the white meats. competition with the subsidized meat from EU. quality and performane of the national group: too old, light, damaged and/or stressed cattle to be able to be sent to highly demanding markets. 	<p>market varies due to the influence from Brasil.</p> <p>Restrictions to the UE and to Argentina due to the sanitary problems and quality control.</p>
LEATHERS	Availability of cattle	growing demand for good quality products	Poor management of the animal which deteriorate the leather Bad management in cold-storage plants	Competition of sintetic products. No certification for export because of pollution of tanneries

TABLE 4.1

PRODUCTS	POSSIBILITIES AND LIMITATIONS OF THE LIVESTOCK SECTOR IN PARAGUAY			
	STRENGTH	OPPORTUNITIES (include MERCOSUR)	WEAKNESS	THREATS (include MERCOSUR)
MILK PRODUCTS	Competitiveness in the domestic market of products which need refrigeration. Processing costs are lower because of cheaper fiscal and social charges in MERCOSUR.	market for processed milk is in expansion. Northern Argentinian market (Formosa and Misiones) and also the Southern East of Brazil (Estado de Paraná) for pasteurized milk, yoghurt, and with UHT.	Low productivity per cow, because of reduced size of herd, deficient sanitations and very marked seasonal variations. Deficient administration of medium and large dairy farms. High costs of production in the field, particularly in the valley of the central zone. Shortage of collection circuits and cold storage plants for milk: roads, electricity and cool tanks. The relationship between the producer and the industry is not transparent.	Import of better elaborated milk products: mature cheeses and of grease and creams. An expansion in the production of small producers could end in strong losses for them if this is not part of an comprehensive plan. Do not reach the quality standards at the level of MERCOSUR.

ANEXO

(別添参考資料)

V. 工業部門

TABLE 1

Industrial GDP / Global GDP	
Average of the 50s (1950-59)	16.7%
Average of the 60s (1960-69)	16.9%
Average of the 70s (1970-79)	17.7%
Average of the 80s (1980-89)	16.5%
Average 1990 - 95	15.5%

Source: Elaborate on Cuentas Nacionales data.

TABLE 2

Occupied Industrial GDP / Total Occupied GDP	
1950	14%
1960	15%
1970	13%
1980	14%
1990	11%
1995	11%

Source: Official Data.

TABLE 3

	Global Productivity	Industrial Productivity
1950	100	100
1960	113	101
1970	135	158
1980	232	248
1995	220	248

Source: BCP data

TABLE 4

GROWTH OF THE MAIN INDUSTRIAL PRODUCTS					
		End of Period		Average Growth	
		1980 1988 100=1980	1989 1995 100=1989	1980-88	1989-95
31	Foods, drinks and tabaccos	129	133	3,2%	5,1%
32	Textiles and Shoes	157	102	6,1%	0,8%
33	Woods industries, including fernitures	79	137	-1,4%	5,4%
34	Papers, paper products, printing and editions	86	173	-0,6%	8,5%
35	Chemical products, petrol by products, rubbers, platics	88	76	-1,7%	-3,0%
36	Glass and non metallic minerals	136	113	6,3%	2,0%
37	Basic Metallic products	239	77	11,6%	-1,6%
38	Manufacture of metallic products, machines and equipments	140	46	1,4%	-8,7%
39	Other Manufacturing Industries	132	56	2,6%	-6,7%
	Crafts	130	67	3,7%	-1,6%
	TOTAL INDUSTRY	114	111	1,1%	2,3%

Source: Elaborate on BCP data.

TABLE 5

Share of the sectors in the Industrial Product		
	Product 31	Products 31,32,33 y 35
1980	33.2%	79.0%
1990	37.4%	77.3%
1995	44.9%	81.3%

Source: BCP

TABLE 6

INDUCTRIAL PRODUCTION ESTRUCTURE: CRONOLOGICAL SERIES				
Selection A: Consumption Goods B: Intermedium Goods C: Capital Goods				
	1950-64	1965-72	1973-76	1977-78
A	91%	82%	77%	76%
B	7%	15%	19%	21%
C	2%	3%	4%	3%
TOTAL	100%	100%	100%	100%
	1980	1989	1990	1995
A	77%	80%	80%	87%
B	20%	15%	15%	10%
C	4%	5%	5%	2%
TOTAL	100%	100%	100%	100%

Source: Elaborate on data of 1) STP - Industrial Division 1984, for the cronological series untill 1979; 2) BCP for the series from 1980 onwards.

TABLE 7

INDUSDRIAL STRATIFICATION 1995 1995 Guaranies, percentages and Base 100				
Entrepreneurs strato	Productivity of Manpower (A.V/Employm.) Base 100=E1	Productivity of M.anpower (A.V/Eempleoy) Gs.of 1995	Productivity per Enterprise (A.V/Enterprise) Base 100=E1	Productity per Enterprise (AV/Enterprise) Gs. of 1995
E1: Small, micro and craft (1 to 19 occupieds)				
	100	684.540	100	3.650.067
E2: Medium (20 to 49 occupieds)				
	111	3.191.702	466	17.018.610
E3: Large (50 and more occupieds)				
	133	29.444.867	4.301	157.004.218
INDUSTRIAL AVERAGE	130	14.841.313	2.168	79.133.457

Source: Elaborate on informations and technical coefficients of the UIP associated enterprises census - BCP. March 1993; and aggregates and index of BCP National Accounts.

*/The productivity in the anslisys refers to Value Added

TABLE 8

CONSUMED ELECTRIC ENERGY FOR INDUSTRIAL GDP GENERATION			
Year	Ammount KWh per each 1000 of Industrial Value Added at constant values	Base 100= 1985	Annual Growth
1985	1,60	100	
1986	1,76	110	9,86%
1987	2,21	138	25,21%
1988	2,86	178	29,67%
1989	3,10	193	8,27%
1990	3,49	218	12,73%
1991	3,83	239	9,62%
1992	4,17	260	8,97%
1993	4,05	253	-2,85%
1994	3,87	241	-4,54%
1995	4,70	293	21,56%
1996	4,16	259	-11,66%(*)

(*) Estimated industrial product growth = 1,5%

Source: Elaborate on ANDE and BCP National Accounts data

TABLE 9

Location of the main industries		
Industrial Products	Region III: Guaira, Caazapa, Paraguari and Central porcentual share	Total (%)
31. Foods, etc	56	100
32. Textil, Shoes.etc.	55	100
33. Woods and by products	35	100
34. Papers and Printings	29	100
35. Chemical Products	35	100
36. Non metallic minaal	77	100
37 y 38. Metals	46	100
39. Others	48	100
Total	50	100

Source: Official Data

TABLE 10

GRANTED CREDITS BY THE INDUSTRIAL DEVELOPMENT FUND up to the end of 1996				
ACTIVITIES	US\$	Percentual Share	Amount	Percentual share
Foods	20.148.702	32%	3.656	53%
Other industries	8.132.668	13%	557	8%
Printing and papers	7.308.209	12%	523	8%
Services	5.464.243	9%	241	3%
Ceramic, mining, quarries	5.378.186	8%	504	7%
Woods	3.798.380	6%	468	7%
Plastics	3.740.569	6%	73	1%
Textil and clothes	3.358.553	5%	325	5%
Metals	1.896.795	3%	184	3%
Electromechanical	1.520.090	2%	106	2%
Hotels and Turisms	1.228.161	2%	60	1%
Leathers and Shoes	768.766	1%	88	1%
Chemical and Cosmetics	703.048	1%	124	2%
TOTAL	63.446.370	100%	6.909	100%

Source: Elaborate on Hoja Económica N° 130 - 1997 Marzo 1997 CADEP

TABLE 11

IDF: DISTRIBUTION OF GRANTED CREDITS PER BANKS		
BANKS	Number of Créditos	Ammounts (US\$)
BANCO NACIONAL DE TRABAJADORES	69	25.330.666
BANCO NACIONAL DE FOMENTO	52	14.433.153
BANCO UNIÓN	46	13.938.352
BANCO DE DESARROLLO	10	6.084.712
BUSAIF	10	3.940.174
AMAMBAY	1	1.150.000
ING BANK	1	550.000
PARANÁ	2	500.000
MULTIBANCO	10	4.117.394
BANCOSUR	1	257.000
TOTAL	202	70.301.452

Source: Industrial Development Fund (IDF)

TABLE 12

IDF: GRANTED CREDITS PER DEPARTAMENTOS			
DEPARTAMENTOS	CREDITS	AMMOUNT (US\$)	DIRECT EMPLOYMENTS
CENTRAL	75	24.840.893	1.920
CAPITAL	49	16.338.687	1.350
ALTO PARANÁ	23	8.457.841	457
PTE. HAYES	6	4.508.701	2.294
ITAPUA	14	3.398.496	227
CAAGUAZU	9	3.188.922	220
AMAMBAY	2	1.217.472	98
BOQUERÓN	3	1.192.124	96
CORDILLERA	9	1.166.569	156
CANINDEYU	3	3.307.436	77
PARAGUARI	4	924.344	92
SAN PEDRO	1	811.456	27
GUAIRA	3	618.558	38
ALTO PARAGUAY	1	329.953	160
TOTAL	202	70.301.452	7.212

Fuente: FDI

TABLE 13

APPROVED INVESTMENTS LAW 60/90, YEAR 1996 Millions of Guaranies and Percentages				
INDUSTRY	Approved projects	Posts of job generation	Projected investments	Foreign investment share
Number	266	8163	628.973	277.728
Share	61,7%	67,1%	64,1%	76,2%
TOTAL				
Number	431	12.158	981.633	364.526
Share	100%	100%	100%	100%

Source: Elaborate on Boletín Económico, Legislación 2000,..... Nº 12. Noviembre - Diciembre 1996 CADEP

TABLE 14

LAW 60/90: APPROVED PROJETS, 1989- 1996				
YEAR	NUMBER OF ENTERPRISES	MAN POWER	AMMOUNT OF INVESMENT (Gs.)	FOREIGN INVESTMENT (Gs.)
1989	221	8.650	175.092.514.252	26.647.960.759
1990	331	10.277	259.789.624.308	81.694.086.222
1991	419	9.104	255.174.857.229	41.814.037.183
1992	458	9.354	451.986.953.973	226.423.841.812
1993	452	8.106	481.282.879.601	134.424.489.376
1994	538	10.704	947.396.730.922	250.944.094.420
1995	478	10.460	842.721.131.666	297.781.740.613
1996	494	14.317	1.188.119.081.603	434.038.361.915
TOTALES	3.391	80.972	4.601.563.773.554	1.493.768.612.300

Source: Consejo de Inversiones

TABLE 15

INDUSTRIAL EXPORT TREND				
YEAR	Export of Manufactures (Mill.US\$)	Total Export (Mill.US\$)	Share (%)	Manufacture esport: Annual Variation (%)
1980	140.6	310.2	45.0	
1981	104.0	295.5	35.0	-26.1
1982	98.5	329.8	29.8	-5.3
1983	71.4	269.2	26.4	-27.5
1984	72.5	334.5	21.7	1.5
1985	48.7	303.9	16.0	-32.8
1986	55.1	232.5	23.6	13.1
1987	81.1	353.4	22.9	47.2
1988	86.4	509.8	16.9	6.5
1989	143.8	1009.4	14.2	66.4
1990	163.9	958.7	17.1	14.0
1991	157.0	737.1	21.3	-4.2
1992	214.1	656.6	32.6	36.4
1993	224.3	725.2	30.9	4.8
1994	295.0	816.8	36.1	31.5
1995	316.5	919.3	34.4	7.3

Source: Banco Central del Paraguay. Estadísticas Económicas. Septiembre 1996

TABLE 16

MAIN INDUSTRIAL EXPORT, 1995 (percentual share)		
	MERCOSUR	REMINDER WORLD
Foos (meat, vegetables, fruits, shugars)	5.2	8.3
Drinks	3.2	-
Vegetable and Essential Oils	5.4	5.0
Wood Manufactures	36.2	23.2
Chemical and Pharmaceutical Products	4.3	4.9
Leather Manufactures	-	3.0
Textil and Clothes	8.2	-
Steals	13.5	-
Metalmechanical (*)	5.3	-
Total Industrial Export	81.3	44.4

Source: Banco Central del Paraguay, Estadísticas Económicas, Sept. 1996

(*) Include vehicule parts

ANEXO

(別添参考資料)

VI. サービス業部門

TABLE 1

EVOLUTION OF THE NACIONAL VIAL NET
(KILOMETERS)

YEARS	EMBANKMENT		ENRRIPIADO		PAVEMENT		TOTAL	
	LENGTH.	VAR. %	LENGTH	VAR. %	LENGTH	VAR. %	LENGTH	VAR. %
1965	4.965,3		963,5		470,0		6.398,8	
1969	2.245,8	(54,8)	653,2	(32,2)	194,5	(58,6)	3.093,5	(51,7)
1970	8.012,4	256,8	594,4	(9,0)	817,0	320,1	9.423,8	204,6
1975	9.991,1	24,7	582,0	(2,1)	905,0	10,8	11.478,1	21,8
1980	14.724,6	47,4	482,9	(17,0)	1.469,4	62,4	16.676,9	45,3
1985	20.479,6	39,1	452,0	(6,4)	2.076,6	41,3	23.008,2	38,0
1986	21.634,6	5,6	452,0	0,0	2.145,6	3,3	24.232,2	5,3
1987	23.000,0	6,3	500,0	10,8	2.262,0	5,4	25.762,0	6,3
1988	24.253,0	5,4	500,0	0,0	2.351,0	3,9	27.104,0	5,2
1989	24.517,0	1,1	500,0	0,0	2.434,0	3,5	27.451,0	1,3
1990	24.733,0	0,9	508,0	1,6	2.500,0	2,7	27.741,0	1,1
1991	24.930,0	0,8	516,5	1,7	2.629,0	5,2	28.075,5	1,2
1992	26.462,0	6,1	523,0	1,3	2.676,2	1,8	29.661,2	5,6
1993	27.488,7	3,9	530,0	1,3	2.788,0	4,2	30.806,7	3,9
1994	28.317,7	3,0	535,2	1,0	2.886,9	3,5	31.739,8	3,0

SOURCE: ANUARIO ESTADISTICO DE TRANSPORTE AÑO 1994.
MINISTERIO DE OBRAS PUBLICAS Y COMUNICACIONES.

TABLE 2
INTERNATIONAL TRAFFICS OF SHIPS REGISTERED IN ASUNCION PORT
ACCORDING TO FLAG 994/1995

FLAGS	1994				1995			
	ENTERING		LEAVING		ENTERING		LEAVING	
	NUMBER	TRN	NUMB	TRN	NUMB	TRN	NUMB	TRN
ARGENTINA	116	42.926	106	39.368	185	76.221	186	77.883
BRAZILIAN	3	600	3	750	2	269	2	269
CHILEAN	3	450	3	450	-	-	-	-
PARAGUAYAN	500	196.200	505	197.197	611	252.119	614	250.668
PANAMAN	3	1.200	3	1.200	8	2.400	7	2.100
URUGUAYAN	24	6.848	24	6.848	29	8.858	27	7.796
TOTAL	649	248.224	644	245.813	835	339.867	836	338.716

NOTA: TRN = TONELADA OF NET REGISTER.
SOURCE: ADMINISTRACION NACIONAL DE NAVEGACION Y PUERTOS (ANNP)

TABLE 3
MOVEMENT OF TRAIN 1991 - 1995

CLASS OF TRANSPORT	1991	1992	1993	1994	1995
KM OF TRAVEL PER:					
PASANGER TRAIN	94.127	73.182	57.514	31.609	16.895
CARGO TRAIN	82.650	79.539	60.543	50.931	43.093
SPECIAL TRAIN	-	-	-	-	86
WHEELMATERIAL					
LOCOMOTORS	18	18	18	18	18
PASANGER CARS	8	8	8	8	8
COACHS	173	-	-	-	173
TRANSPORTED PASANGERS					
LEAVING ASUNCION	82.285	69.970	49.013	6.107	992
ARRIVING ASUNCION	19.786	12.286	6.936	1.431	115
TRAFFICS TO OTHER POINTS	4.111	-	2.071	-	-
TRANSPORTED LOADS					
PARCELS (KILOS)	367.950	360.265	218.728	217.135	51.365
LUGGAGES (KILOS)	78.285	21.390	4.553	-	-
OTHERS LOADS(TONELS)	239.313	250.873	155.064	177.083	258.312

SOURCE: ANUARIO ESTADISTICO DEL PARAGUAY 1995.

TABLE 4
AIR TRANSPORTATION
INTERNATIONAL MOVEMENT OF PASANGERS
SILVIO PETIROSSI INTERNATIONAL AIRPORT

COMPANIES	1994		1995		1994/95 VAR%
	NUMBER	%	NUMBER	%	
AEROLINEAS ARGENTINAS	109.707	25	88.843	19	-19,0
AEROPERU	5.999	1	11.482	2	91,4
IBERIA	951	0	516	0	-45,7
LADECO	40.153	9	41.748	9	4,0
LINEAS AEREAS PARAGUAYAS	52.679	12	79.909	17	51,7
LLOYD AEREO BOLIVIANO	16.237	4	16.136	3	-0,6
PLUNA	18.032	4	15.110	3	-16,2
VARIG	105.023	24	90.848	19	-13,5
AMERICAN AIRLINES	73.795	17	82.712	17	12,1
NATIONAL	14.806	3	34.548	7	133,3
TAM AMARILLA	377	0		0	-100,0
OTRAS	0	0	13.969	3	
TOTAL	437.759	100	475.821	100	8,7

NOTE: Include embarks and desembaks.

SOURCE: Ministerio de Defensa Nacional. Dirección de Aeronáutica Civil.

Reproducidos en Anuario Estadístico del Transporte. Ministerio de Obras
Públicas y Comunicaciones, y Anuario Estadístico del Paraguay 1995.

CUADRO 5
PRIVATE STORAGE OF GRAINS, YEAR 1996

DEPARTAMENTOS	SILOS	SHEDS	TOTAL	%
CENTRAL	125.300	234.040	359.420	17,6
ITAPUA	162.052	506.510	668.562	32,7
CANINDEYU	25.550	26.800	52.350	2,6
GUAIRA	3.460	1.000	4.460	0,2
CAAGUAZU	13.826	36.400	50.226	2,5
SAN PEDRO	34.200	10.600	44.800	2,2
PARAGUARI	1.800		1.800	0,1
ALTO PARANA	223.030	403.500	626.530	30,6
MISIONES	5.250	1.500	6.750	0,3
CONCEPCION	1.150	5.000	6.150	0,3
AMAMBAY	44.710	173.600	218.310	10,7
CAAZAPA	6.123		6.123	0,3
TOTAL	646.451	1.398.950	2.045.481	100,0

SOURCE: Departamento de Operaciones de Silos, Dirección de Comercialización, Ministerio de Agricultura y Ganadería.

TABLE 6
PROJECTION OF GLOBAL FLOW OF LOADS FOR WATERWAY.
AVERAGE HYPOTHESIS. (thousand of tn)

NORTH-SOUTH DIRECTION	1997	2000	2005	2010	2020
SOYBEAN IN GRAIN	3.548	3.615	4.657	6.319	9.165
CAKE OF SOYBEAN	2.629	3.338	4.076	4.474	5.334
OIL OF SOYBEAN	274	318	360	377	416
SUB-T. SOYBEAN COMPLEX	6.451	7.271	9.062	11.170	14.915
CAKES OF THER KINDS (*)	650	710	823	955	1.283
OIL OF OTHER KINDS (*)	234	256	296	344	462
MINERAL FROM IRON	1.400	1.621	2.068	2.640	4.300
MINERAL FROM MANGANESE	121	121	121	121	121
CLINQUER	555	640	783	926	1.212
CELLULOUS	267	600	600	600	600
ROUGH WOODS	698	698	698	698	698
SERRATED WOODS	180	180	180	180	180
FIBER OF COTTON	271	309	379	455	628
OTHERS	105	105	105	105	105
SUB TOTAL N-S DIR.	10.932	12.511	15.145	18.192	24.503
SOUTH-NORTH DIRECTION					
PETROL AND DERIVED PROD.	1.216	1.398	1.702	2.006	2.614
WHEAT IN GRAIN	227	277	355	438	616
OTHERS	169	169	169	169	169
SUB TOTALS-N DIR.	1.612	1.844	2.226	2.613	3.399
TOTAL BOTH DIRECTIONS	12.544	14.355	17.371	20.805	27.902

(*) Cake and oil from cotton, soybean and other oleaginous seeds
(Reconquista, Santa Fe, Argentina).

SOURCE: Estudio de Factibilidad de la Hidrovía Paraguay - Paraná. Consorcio Hidro-service Engenharia Ltda., Louis Berger International Inc. y Estudios de Ingeniería Hidráulica S.A.

TABLE 7

EVOLUTION OF CONSUMPTION OF ELECTRIC ENERGY IN PARAGUAY

AÑO	NATIONAL CONSUMPTION (KWh)	TOTAL POPULATION (1)	KWh/HAB.	SERVED POPULATION(2)	TOTAL POPULATION (2)	COVERAGE(3) %
1990	1.827.017.917	4.218.732	433	2.005.960	4.276.069	47
1991	2.028.875.343	4.334.186	468	2.196.860	4.393.092	50
1992	2.339.599.701	4.452.800	525	2.342.440	4.513.318	52
1993	2.707.548.170	4.574.660	592	2.637.396	4.636.835	57
1994	3.028.973.627	4.699.855	644	2.988.315	4.763.731	63
1995	3.439.887.035	4.828.476	712	3.416.928	4.891.446	70

(1) AVERAGE POPULATION (AS 30JUN EACH YEAR).

(2) ESTIMATED FIGURES AS 31 DECEMBER EACH YEAR.

(3) RELATION SERVED POPULATION/TOTAL POPULATION.

SOURCE: ANNUAL MEMORIES OF

TABLE 8

SELLING OF ENERGY PER CATEGORIES OF CONSUMPTION KWH

CATEGORY	1993	%	1994	%	1995	%
NATIONAL CONSUMP.	2.707.548.170	100,0	3.028.973.627	100,0	3.439.887.035	100,
RESIDENTIAL	1.091.985.853	40,3	1.237.303.064	40,8	1.444.914.624	42,0
COMMERCIAL	422.971.647	15,6	529.630.873	17,5	649.273.507	18,9
INDUSTRIAL	691.955.257	25,6	765.249.960	25,3	862.653.867	25,1
OTHERS CONSUMP.	500.635.413	18,5	496.789.730	16,4	483.045.037	14,0

SOURCE: Elaborated on the Memories of ANDE data.

**TABLE 9
COVERAGE OF PIPED WATER AND SANITARY DRAINAGE SYSTEMS**

INDICATORS	PIPED WATER		SANIT. DRAINAGE	
	DEC.95	AGO.96	DEC.95	AGO. 96
TOTAL POPULATION				
USERS METROPOLITAN USERS	1.180.391	1.203.514	1.180.391	1.203.514
NATIONAL TERRITORY(*)	1.887.520	1.912.886	1.887.520	1.912.886
SERVED POPULATION				
USERS METROPOLITAN AREA	723.660	764.360	426.105	429.295
USERS NATIONAL TERRITORY	938.695	1.005.295	466.495	469.685
COVERAGE (%)				
METROPOLITAN AREA	61,31	65,31	36,10	35,67
NATIONAL TERRITORY	49,73	52,55	24,71	24,55

(*)Communities under CORPOSANA jurisdiction.
SOURCE: Elaborated on CORPOSANA data.

**TABLE 10
DISTRIBUTION OF USERS PER CATEGORIES OF CONSUMPTION
Great Asunción. Year 1996.**

CATEGORIES	NUMBER	PERCENTAGE
RESIDENTIAL	142.837	91,9
COMMERCIAL	10.989	7,1
INDUSTRIAL	326	0,2
PUBLIC ENTITIES	1.281	0,8
TOTAL	155.433	100,0

Source: Elaborated on CORPOSANA data.

TABLE 11

**IMPACT OF THE EXPANTION PROJECTS OF CORPOSANA
ON THE COVERAGE OF THE SERVICES 1995 - 2004**

SERVICE	YEAR	PROYECTED POPULATION	SERVED POPULAT.	PERCENTAGE COVERAGES
PIPED WATER	1995	1.887.520	938.695	49,73
PIPED WATER	2004	2.469.911	1.390.560	56,30
SANITARY DRAINAGE	1995	1.887.520	466.495	24,71
SANITARY DRAINAGE	2004	2.469.911	848.715	34,36

SOURCE: elaborated on CORPOSANA data.

CUADRO 12

SENASA. Evolución y proyección en la cobertura de agua potable.

Year	Nr. of localities	Coverage %
1993	172	14.3
1994	198	14.5
1995	352	21.0
1996	405	24.0
1997 (*)	505	27.1
1998 (*)	622	30.0

(*) Projected.

Source: Balance de Gestión Gubernamental 1993-1996 y Programas de Acción 1997-1998, Secretaria Técnica de Planificación. Noviembre 1996.

**CUADRO 13
EVOLUTION AND PROJECTION OF INDICADOTS OF ANTELCO**

INDICATORS	1992	1996	1998
INSTALLED CAPACITY	147.453	230.383	413.827
NUMBER OF CENTRALS	86	124	139
NUMBER OF SERVED LOCAL.	390	506	1.306
PORC. DIGITALIZACION	60	77	82
LINEAS X 100 INHABIT	3,6	4,8	8,2
EMPLOYEES	6.715	6.200	5.400
LINES/EMPLOYEES	22	36	76
T.DEBT MILL U\$S.	140,7	104,7	---

SOURCE: Balance de la Gestión Gubernamental 1993 - 1996 y programas de acción 1997 y 1998, Secretaría Técnica de Planificación, Nov. 1996.

**TABLE 14
TELEPHONIC SUSCRIBER PER CATEGORIES
YEAR 1994**

CATEGORIES	USERS	SHARE%
FAMILIAR	102.544	67,8
COMMERCIAL	41.849	27,7
PUBLIC TELEPH	1.341	0,9
EMPLOYEE	3.441	2,3
SERVICES	1.626	1,1
GAMBLING HOUSE	68	0,0
OTHERS	274	0,2
TOTAL	151.143	100,0

SOURCE: Memoria 1994 de la ANTELCO.

TABLE 15

GROSS VALUE ADDED OF THE COMMERCE AND FINANCE SECTOR. 1993-1995
MILLIONS OF GUARANIES OF 1982 AND SHARE RATES.

SECTORS	1993	%	1994	%	1995	%
A. COMMERCE						
1. Agriculture	24.219	14	23.492	14	24.450	14
2. Industry	67.898	40	68.916	40	67.757	39
3. Livestock	6.092	4	6.304	4	6.449	4
4. Forestry	4.915	3	5.062	3	5.219	3
5. Fishing	328	0	338	0	344	0
6. Import	44.677	26	46.911	27	46.519	26
7. Export	21.666	13	22.251	13	24.965	14
GVA of Commerce at factor costs	169.795	100	173.274	100	175.703	100
B. FINANCE						
GVA of Finance at factor costs	42.196		49.035		50.422	
Plus industrial tax	54.804		55.900		56.459	
GVA at market prices	266.795		278.209		282.584	

Source: Cuentas Nacionales, Banco Central del Paraguay

CUADRO 16
COMPOSICION DEL COMERCIO INTERNO

TYPE OF COMMERCE	MARKET (selling)
1. Retail sellings	65%
2. Wholesale commerce.....	20%
3. Supermarkets.....	15%
Total domestic market.....	100%

Source: Private sector estimations

TABLE 17
DEPARTAMENTOS WITH MORE THAN 200 THOUSAND INHABITANTS
ESTIMATION AND PROYECTION OF THE POPULATION

DEPARTAMENT	1996	%	2000	%
CENTRAL	1.124.583	23	1.333.889	24
ALTO PARANA	562.216	11	705.137	13
ITAPUA	442.988	9	490.969	9
CAAGUAZU	435.461	9	461.937	8
SAN PEDRO	323.608	7	361.786	7
PARAGUARI	247.674	5	247.175	4
CORDILLERA	215.565	4	215.516	4
ASUNCION	545.964	11	561.386	10
SUB TOTAL	3.898.059	79	4.377.795	80
TOTAL PARAGUAY	4.955.237	100	5.496.450	100

Source: Dirección General de Estadísticas, Encuestas y Censos.

TABLE 18
MAIN INDICATORS OF BANKS AND FINANCIERS. YEAR 1995
Millions of Guaranies and % of share

FINANCIAL ENTITIES	TOTAL ACTIVE	NET REAL STATE	DEPOSITS	LOANS	NET BENEFIT
BANKS	5.979.988	839.748	4.271.071	3.456.868	113.387
%	90	83	91	89	94
FINANCIERS	635.079	169.763	404.738	408.944	7.881
%	10	17	9	11	6
TOTAL	6.615.067	1.009.511	4.675.809	3.865.812	121.268
%	100	100	100	100	100
TOTAL THOUS U\$S.*	3.352.796	511.663	2.369.898	1.959.357	61.464

SOURCE: Elaborated on statistics of the banks and financial corporations of the country, Banco Central del Paraguay, december 1995.

(*) Exchange rate: U\$S. 1,00 = Gs. 1.973, Cuentas Nacionales, pag. 71, 1985 -1995, Banco Central del Paraguay.

TABLE 19
EVOLUTION OF THE NUMBER OF BANKS AND FINANCIERS

CORPORAT	1990	1991	1992	1993	1994	1995	1996
BANKS	26	27	30	30	35	35	32
Var.		1	3	0	5	0	-3
FINANCIERS	37	40	50	52	66	68	60
Var.		3	10	2	14	2	-8

Source: Banco Central del Paraguay.

TABLE 20
THE FIVE BEST BANKS AT SAVING COLLECTION. 1996

BANKS	MILLIONS Gs.	MILLIONS U\$S	SHARE % MARKET
1. CITIBANK	538.668	256,5	9,9
2. UNION	441.892	210,4	8,1
3. ABN ANRO BANK	300.368	143,0	5,5
4. ASUNCION	255.455	121,6	4,7
5. LLOYDS	252.634	120,3	4,6
TOTAL 32 BANKS (*)	5449669	2.595,1	100

(*) Include two governmental banks.

SOURCE: BANCO CENTRAL DEL PARAGUAY.

TABLE 21
THE FIVE BEST BANKS AT APPLICATIONS. 1996

BANKS	MILLIONS Gs.	MILLIONS U\$S	SHARE % MARKET
1. CITIBANK	350.675	167,0	8,1
2. UNION	299.711	142,7	7,0
3. ABN ANRO BANK	240.659	114,6	5,6
4. LLOYDS	238.392	113,5	5,5
5. SUDAMERIS	235.345	112,1	5,5
TOTAL 32 BANKS (*)	4.307.076	2.051,0	100

(*) Include twogovernmental banks.

SOURCE: BANCO CENTRAL DEL PARAGUAY.

TABLE 22
SAVING COLLECTION AND APPLICATIONS OF THE BANK
SYSTEM. YEAR 1996

TYPE OF BANKS	COLLECTIONS		APPLICATIONS	
	VALUE	%/GDP	VALUE	%/GDP
FOREIGN BANKS	2.512	12,5	1.873	9,3
PRIVATE NATIONAL BANKS	2.032	10,1	1.457	7,2
GOVERNMENT BANKS	905	4,5	977	4,9
TOTAL BANK SYSTEM (1)	5.449	27,1	4.307	21,4
TOTAL BANK SYSTEM US\$ (2)	2.595		2.051	
GDP Current Gs. (1)	20.109			
GDP Current US\$ (2)	9.576			

Note: (1) thousand of million Guaranies.
(2) millions US\$
(3) GDP at market prices. Preliminary figures 1996.

TABLE 23
INDICATORS OF THE INSURANCE SECTOR

YEAR	DIRECT PREMIUM	VAR %	AS % OF GDP
1991/92	67.377		0,38
1992/93	87.845	30,38	0,43
1993/94	90.731	3,29	0,58
1994/95	113.731	25,35	0,67
1995/96	112.525	-1,06	(*)

(*) Data no disponible.

Source: Anuario de Seguros 1996, Superintendencia de Seguros, Banco Central del Paraguay.

ANNEX 1

APPROVED INVESTMENT PROJECTS UNDER THE REGIME								
I) Millions of Guaranies								
ECONOMIC SECTORS	NUMBER OF APPROVED PROJECTS	%	POST OF JOB GENERATION	%	PROJECTED INVESTMENT TOTAL	%	FOREIGN PROJECTED INVESTMENT	%
AGRICULTURE	6	1,4	134	1,1	16.550	1,7	13.097	3,6
MINING	7	1,6	124	1,0	15.452	1,6	202	0,1
MANUFACTURE INDUSTRIES	266	61,7	8.163	67,1	628.973	64,1	277.728	76,2
GAS FRACT. AND DISTRIBUTION	0	0,0	0	0,0	0	0,0	0	0,0
CONSTRUCTION	18	4,2	550	4,5	24.516	2,5	2.440	0,7
HOTELS Y TURISMS	6	1,4	386	3,2	18.449	1,9	2.555	0,7
TRANSPORT AND STORAGE	101	23,4	2.195	18,1	224.119	22,8	68.604	18,8
FINANCIAL ENTERPRISES	0	0,0	0	0,0	0	0,0	0	0,0
SOCIAL AND COMMUNITY SERVICES	27	6,3	606	5,0	53.574	5,5	0	0,0
TOTALS	431	100,0	12.158	100,0	981.633	100,0	364.626	100,0

II) Thousand US Dollars								
ECONOMIC SECTORS	NUMBER OF APPROVED PROJECTS	%	POST OF JOB GENERATION	%	TOTAL PROJECTED INVESTMENT	%	PRJCTED FOREIGN INVESTMENT	%
AGRICULTURE	6	1,4	134	1,1	8.275	1,7	6.549	3,6
MINING	7	1,6	124	1,0	7.726	1,6	101	0,1
MANUFACTURE INDUSTRIES	266	61,7	8.163	67,1	314.487	64,1	138.864	76,2
FRACT. AND DISTRIBUTION OF GAS	0	0,0	0	0,0	0	0,0	0	0,0
CONSTRUCTION	18	4,2	550	4,5	12.258	2,5	1.220	0,7
HOTELS AND TURISM	6	1,4	386	3,2	9.225	1,9	1.278	0,7
TRANSPORT AND STORAGE	101	23,4	2.195	18,1	112.060	22,8	34.302	18,8
FINANCIAL CORPORATIONS	0	0,0	0	0,0	0	0,0	0	0,0
COMMUNITY AND SOCIAL SERVICES	27	6,3	606	5,0	26.787	5,5	0	0,0
TOTALS	431	100,0	12.158	100,0	490.817	100,0	182.313	100,0

Source: Elaborated on Ministry of Industry and Trade data.

ANNEX 2

NATIONAL ROADS, DENOMINATION, SECTION AND AND LONGITUDE. YEAR 1994.				
ROAD N°.	DENOMINATION	FROM	UNTILL	LONGITUD EN KM.
1	MCAL. FRANCISCO SOLANO LOPEZ	ASUNCION	ENCARNACION	370
2	MCAL. JOSE FELIX ESTIGARRIBIA	ASUNCION	CORONEL OVIEDO	134
3	GRAL. ELIZARDO AQUINO	LIMPIO	BELLA VISTA	452
4	GRAL. JOSE EDUVIGIS DIAZ	SAN IGNACIO	ITAPIRU	208
5	GRAL. BERNARDINO CABALLERO	CONCEPCION	PEDRO J. CABALLERO	215
6	DR. JUAN LEON MALLORQUIN	ENCARNACION	CIUDAD DEL ESTE	250
7	DR. JOSE G. RODRIGEZ DE FRANCIA	CORONEL OVIEDO	CIUDAD DEL ESTE	193
8	DR. BLAS GARAY	CORONEL OVIEDO	PIRAPO	202
9	PDTE. CARLOS ANTONIO LOPEZ	ASUNCION	EUGENIO A. GARAY	776
10	RESIDENTAS	ROSARIO	SALTO DEL GUAIRA	396
11	JUANA DE LARA	ANTEQUERA	CERRO TORIN	88
12	VICE PRESIDENTE SANCHEZ	CHACO-I	GRAL. BRUGUEZ	162
TOTAL				3.444

Source: Ministerio de Obras Públicas y Comunicaciones

ANNEX 3

AUTOMOVILE PARK OF THE COUNTRY										
VEHICULES	1990		1991		1992		1993		1994	
	TOTAL	%	TOTAL	%	TOTAL	%	TOTAL	%	TOTAL	%
AUTOMOVILE	87.226	53	93.632	53	100.507	54	107.888	55	115.811	56
VAN	40.107	24	41.485	24	42.909	23	44.384	23	45.909	22
SMALL LORRY	7.099	4	7.348	4	7.605	4	7.872	4	8.147	4
MEDIAN LORRY	20.594	12	21.319	12	22.068	12	22.845	12	23.648	11
HEAVY LORRY	3.593	2	3.718	2	3.848	2	3.983	2	4.123	2
BUS	7.539	5	7.876	5	8.228	4	8.598	4	8.982	4
TOTAL	166.158	100	175.378	100	185.165	100	195.570	100	206.620	100

Source: Plan Nacional de Transporte-O.P.I.T, Ministerio de Obras Publicas y Comunicaciones

ANNEX 4

PARAGUAY: IMPORTS, EXPORTS AND DOMESTIC TRAFFIC CARRIED OUT BY THE SISTEM OF TRANSPORT THROUGH THE PORTS (Tns, YEAR 1995)					
PORTS	BY RIVERS	BY ROADS	BY TRAIN	TOTAL	%
IMPORTS					
Asunción	289.498	18.516		308.014	16
Puertos Privados	904.970		29	904.999	47
Ciudad del Este				0	0
Encarnación		36.954	61.696	98.650	5
Villeta	43.460			43.460	2
José Falcón		534.703		534.703	28
Pedro Juan Caballero		18.867		18.867	1
Salto del Guairá		11.226		11.226	1
Concepción					
Totales	1.237.928	620.266	61.725	1.919.918	100
EXPORTS					
Asunción	155.633			155.633	5
Puertos Privados	401.726		95	401.821	12
Ciudad del Este		1.778.070		1.778.070	54
Encarnación	127.800	46.094	156.435	330.329	10
Villeta				0	0
José Falcón		303.144		303.144	9
Pedro Juan Caballero		88.856		88.856	3
Salto del Guairá		232.353		232.353	7
Concepción	21.120			21.120	1
Totales	706.279	2.448.517	156.530	3.311.326	100
DOMESTIC TRAFFIC					
	LOAD	UNLOAD	TOTAL	%	
Asunción	5.406	1.616	7.022	7	
Concepción	1.451	5.995	7.446	8	
Villeta		83.634	83.634	85	
Total	6.857	91.245	98.102	100	

Source: Anuario Estadístico Paraguay 1995.

ANNEX 5

EXPORT PER ITEM, CONTROLLED BY THE ANNP AND SYSTEM OF TRANSPORT (Tns, Year 1994)								
ITEMS	BY RIVER	%	BY ROAD	%	BY TRAIN	%	TOTAL	%
Cereales legumbres y derivados.	324.105	60	985.939	48	108.001	98	1.418.045	52
Madera y product. de madera, papel y cartón	25.932	5	375.117	18	2.082	2	403.132	15
Derivados alimenticios	3.186	1	52.929	3	15	0	56.130	2
Otro product. Agric. y Silvestr. deriv. no alimenticios	137.548	26	392.051	19		0	529.599	20
Combustible y lubric. prod. petróleo (excepto gas)		0	3	0		0	3	0
Objetos manufacturados.	1.373	0	8.536	0	1	0	9.910	0
Minerales y materiales de construcción.	9.802	2	226.492	11		0	236.293	9
Productos químicos y farmacéuticos.	6	0	244	0		0	250	0
Productos metalúrgicos y derivados	60	0	8.420	0		0	8.480	0
Miscelaneos.	34.367	6	7.589	0		0	41.956	2
TOTAL GENERAL	536.378	100	2.057.321	100	110.099	100	2.703.798	100

Fuente: Administración Nacional de Navegación y Puertos (ANNP).

ANNEX 6

IMPORT BY ITEMS, CONTROLLED BY ANNP AND SYSTEM OF TRANSPORT (EN TONELADAS. AÑO 1994)								
ITEMS	FLUVIAL	%	BY ROAD	%	BY TRAIN	%	TOTAL	%
Cereals, beans and derived products	12.318	1	23.205	2		0	35.523	2
Wood, paper, and carton	9.758	1	48.202	5	525	2	58.485	3
Foods	6.772	1	123.229	12		0	130.001	6
Other agricultural and forestry products.	5.150	0	66.491	6	59	0	71.699	3
Gasoline and oil from petrol (except of gasoline)	799.111	68	54.668	5	32	0	853.812	38
Manufactures.	75.145	6	314.086	30	6.838	24	396.069	18
Mining and construction materials.	142.598	12	74.167	7	22	0	216.786	10
Chemical and pharmaceutical products.	45.528	4	88.005	8	638	2	134.171	6
Metal products	16.237	1	72.759	7	70	0	89.065	4
Miscellany.	58.713	5	183.585	18	19.745	71	262.042	12
TOTAL	1.171.329	100	1.048.396	100	27.927	100	2.247.652	100

Source: Administración Nacional De Navegación Y Puertos (ANNP).

ANNEX 7

INTERNATIONAL TRAFFICS OF SHIPS REGISTERED AT THE PORT OF ASUNCION, ACCORDING TO THE TYPE OF SHIP. 1994/1995								
TYPE OF SHIP	1994				1995			
	ENTERING		LEAVING		ENTERING		LEAVING	
	LOADED	UNLOADED	LOADED	UNLOADED	LOADED	UNLOADED	LOADED	UNLOADED
BARGES	165	28	85	100	273	46	116	208
FREIGHTERS	208	43	189	59	285	36	278	44
FLATS	47	13	48	14	66	18	66	18
GABARRAS	-	-	-	-	-	1	-	44
BOATS	1	-	-	1	-	-	-	-
PASSENGERS	16	-	19	-	2	-	2	-
FREIGHTER TOWERS	25	3	20	7	20	7	18	6
TOWERS	-	59	-	61	-	43	-	1
TANKERS	33	6	35	6	33	5	29	6
TOTAL	495	152	396	248	679	156	509	327

Source: Administracion Nacional de Navegacion y Puertos (ANNP)

ANNEX 8

MAIN TRANSPORTED LOADS BY TRAIN. YEARS 1991 - 1995					
(Tns)					
DESCRIPTION	1991	1992	1993	1994	1995
TOTAL	254.481	251.801	155.090	173.337	257.674
FERTILIZER	17.773	13.903	16.797	12.935	22.478
EMPTY CONTEINERS	6.541	5.387	4.059	6.521	19.544
ELECTRODOMESTICS					13.536
FIREWOOD	12.694	12.618	16.000	12.354	8.245
COMMODITIES IN GENERAL	9.765	7.671	5.025	10.432	26.440
CHEMICAL PRODUCTS		400	523	3.432	5.622
SOYBEAN	159.023	184.139	94.797	110.921	150.979
SUB TOTAL	205.796	224.118	137.201	156.595	246.844
OTHERS	48.685	27.683	17.889	16.742	10.830
SHARE RATES					
DESCRIPTION	1991	1992	1993	1994	1995
TOTAL	100,0	100,0	100,0	100,0	100,0
FERTILIZER	7,0	5,5	10,8	7,5	8,7
EMPTY CONTEINERS	2,6	2,1	2,6	3,8	7,6
ELECTRODOMESTICS	0,0	0,0	0,0	0,0	5,3
FIREWOOD	5,0	5,0	10,3	7,1	3,2
COMMODITIES IN GENERAL	3,8	3,0	3,2	6,0	10,3
CHEMICAL PRODUCTS	0,0	0,2	0,3	2,0	2,2
SOYBEAN	62,5	73,1	61,1	64,0	58,6
SUB TOTAL	80,9	89,0	88,5	90,3	95,8
OTHERS	19,1	11,0	11,5	9,7	4,2

Source: Elaborated on Ferrocarril Carlos A. López data.

ANEXO 9

ENERGETIC BALANCE OF ANDE (KWh)						
	1993	%	1994	%	1995	%
RECEIVED EXCHANGE	720.456	0,0	559.602	0,0	449.252	0,0
RECEIVED FROM ITAIPU	2.356.310.611	72,1	2.821.458.861	74,2	3.254.288.267	74,6
IMPORT	63.978	0,0	4.140	0,0	31.791	0,0
ACARAY	908.527.421	27,8	978.817.331	25,7	1.106.108.653	25,4
THERMICAL	2.994.574	0,1	2.008.135	0,1	2.437.397	0,1
TOTAL GROSS ENERGY	3.268.617.040	100,0	3.802.848.069	100,0	4.363.315.360	100,0
LOSES	507.732.368		659.180.875		755.076.841	
OWN CONSUMPTION	2.181.836		2.078.410		1.865.674	
AVAILABLE NET ENERGY	2.758.702.836		3.141.588.784		3.606.372.845	
EXCHANGE DELIVERED	720.456		559.602		449.252	
DOMESTIC CONSUMPTION					4.629.354	
ITAIPU (WORKS)	53.398		154.739		29.078	
TOTAL SOLD ENERGY	2.757.928.982		3.140.874.443		3.601.265.161	

Source: Elaborated on the Memmories of ANDE data.

ANNEX 10

PARAGUAY. INDICATORS OF THE ELECTRICITY SERVICE.					
INDICATORS	1993	1994	VAR. %	1995	VAR. %
1. GENERATION					
INSTALLED POWER (MW)	228	228	0,0	229	0,2
GENERATED BY ACARAY DAM (MWh)	908.527	978.817	7,7	1.106.106	13,0
THERMICAL GENERATION (MWh)	2.995	2.008	-33,0	2.437	21,4
ADQUIRED FROM ITAIPU DAM	2.356.311	2.821.459	19,7	3.254.288	15,3
IMPORTS+INTERCHANGE (MWh)	784	564	-28,1	481	-14,7
MAXIMUM DEMAND OF POWER S.I.N. (MW)	604	706	16,9	790	11,9
GENERATED ENERGY POR NACIONAL CONSUMPTION (KWh)	2.707.548.170	3.028.973.627	11,9	3.439.887.035	13,6
2. TRANSMISSION					
INSTALLED POWER (MVA)	2.097	2.194	4,6	2.434	10,9
EXTENSION OF THE TRANSMISSION NET (KM)	2.272	2.684	18,2	2.684	0,0
EXTENSION OF THE SUBTRANSMISSION NET (KM)	825	837	1,5	838	0,1
3. DISTRIBUTION					
INSTALLED POWER IN TRANSFORMERS (KVA) (accum.)	1.436.154	1.537.563	7,1	1.712.642	11,4
EXTENSION DE LA RED DE MEDIA TENSION (KM) (accum.) (*)	10.320	12.098	17,2	16.793	38,8
EXTENSION OF THE LOW TENSION NET (KM) (accum.) (*)	10.912	12.679	16,2	16.622	31,1
ELECTRIFIED LOCALITIES (TOTAL ACCUM.)	574	707	23,2	853	20,7
NATIONAL COBERAGE OF THE ELECTRIC ENERGY (%)	63	63	0,0	70	11,1
4. DEMAND					
CANTIDAD DE USUARIOS FACTURADOS (No.)	548.659	622.442	13,4	710.188	14,1
ENERGIA VENDIDA PARA CONSUMO NACIONAL (KWh)	2.707.548.170	3.028.278.629	11,8	3.439.887.035	13,6
ENERGIA VENDIDA PARA EXPORTACIÓN (KWh)	50.380.812	109.420.878	117,2	110.887.840	1,3
6. ÍNDICES DE EFICIENCIA					
NUMBER OF EMPLOYEES	2.578	2.603	1,0	2.610	0,3
NUMBER OF USERS PER EMPLOYEE	214	239	11,7	272	13,8
LINES ON SERVICE (KM)	24.454,19	24.046,00	-1,7	36.937,24	53,6
KM. OF LINES ON SERVICE PER EMPLOYEE	9,48	9,24	-2,5	14,15	53,1
6. SYSTEM OF SELF-CONSTRUCTION					
ELECTRIFIED PUPULATION NUCLEUS		636		878	38,1
TOTAL LINES M.T. (KM)		460		2.967	545,0
TOTAL LINES B.T. (KM)		501		2.584	415,8
TOTAL RESIDENTIAL CHARGE (KVA)		6.604		42.757	547,4
TOTAL USERS		6.636		30.028	352,5

(*) Include works concluded by selfhelp.

SOURCE: Elaborateddo on the Memories of Administración Nacional de Electricidad (ANDE) data.

ANNEX 11

PARAGUAY: COMPOSITION OF THE CLIENTS ACCORDING TO CONSUMPTION CATEGORIES 1993-1995						
CATEGORIES	1993		1994		1995	
	NUMBER	SHARE%	NUMBER	SHARE%	NUMBER	SHARE%
RESIDENTIAL	436.898	79,6	501.313	80,5	579.691	81,6
COMMERCIAL	73.118	13,3	97.334	15,6	104.082	14,7
INDUSTRIAL	6.784	1,2	7.491	1,2	8.180	1,2
UNDEFINED	28.735	5,2	12.704	2,0	14.183	2,0
RURAL	1.283	0,2	1.673	0,3	2.079	0,3
FISCAL	1.377	0,3	1.416	0,2	1.426	0,2
MUNICIPAL	463	0,1	510	0,1	546	0,1
TRACTION	1	0,0	1	0,0	1	0,0
PUBLIC LIGHTING	0	0,0	0	0,0	0	0,0
TOTAL	548.659	100,0	622.442	100,0	710.188	100,0

Source: Memorias de la ANDE.

ANNEX 12

AVERAGE TARIFFS OF ELECTRIC ENERGY (G/KWh)					
CATEGORIES	1993	1994	VAR %	1995	VAR %
RESIDENCIAL	70,63	85,54	21,11	95,46	11,60
COMMERCIAL	85,44	94,72	10,86	103,53	9,30
INDUSTRIAL	55,31	63,49	14,79	68,92	8,55
UNDEFINED	64,50	75,38	16,87	82,33	9,22
RURAL	66,40	76,83	15,71	83,90	9,20
PUBLIC LIGHTING	84,47	116,38	37,78	136,55	17,33
AVERAGE TARIFF	66,38	80,32	21,00	89,19	11,04

Source: Elaborated on The Memories of ANDE data.

ANNEX 13

PERCENTUAL COVERAGE OF POPULATION SERVED WITH PIPED WATER IN ASUNCION. YEARS 1993-1995			
CONCEPT	1993	1994	1995
TOTAL POPULATION (Thousands)	614,8	625,0	634,4
SERVED POPULATION (Thousands)	487,4	512,5	547,9
PERCENTUAL RELATION (%)	79,3	82,0	86,4
GREAT ASUNCION			
CONCEPT	1.993	1.994	1.995
TOTAL POPULATION (Thousands)	995,3	1.099,8	1.180,4
SERVED POPULATION (Thousands)	598,1	635,8	723,7
PERCENTUAL RELATION (%)	60,1	57,8	61,3
CITIES OF THE COUNTRYSIDE			
CONCEPT	1.993	1.994	1.995
TOTAL POPULATION (Thousands)	470,9	439,9	518,2
SERVED (Thousands)	181,3	195,5	215,0
PERCENTUAL RELATION (%)	38,5	39,6	41,5

Source: Memoria Anual de Corposana.

ANNEX 14

RESIDENTIAL CONNECTIONS OF PIPED WATER IN GREAT ASUNCION.(1991-1995)					
CITIES	1991	1992	1993	1994	1995
ASUNCION	93.956	96.443	97.472	102.507	109.584
Fndo. DE LA MORA	9.235	9.565	9.702	10.510	14.867
SAN LORENZO	4.836	5.052	5.124	5.564	7.003
LUQUE	4.581	4.778	4.866	5.203	6.602
MARIANO R .ALONSO	2.002	2.317	2.452	3.322	6.020
LIMPIO				56	94
VILLA ELISA				6	562
TOTAL	114.610	118.155	119.616	127.168	144.732
ANNUAL VARIATION %		3,1	1,2	6,3	13,8
RESIDENTIAL CONNECTIONS OF PIPED WATER IN GREAT ASUNCION RATES OF SHARE. (1991-1995)					
CITIES	1991	1992	1993	1994	1995
ASUNCION	82,0	81,6	81,5	80,6	75,7
Fndo. DE LA MORA	8,1	8,1	8,1	8,3	10,3
SAN LORENZO	4,2	4,3	4,3	4,4	4,8
LUQUE	4,0	4,0	4,1	4,1	4,6
MARIANO R. ALONSO	1,7	2,0	2,0	2,6	4,2
LIMPIO					0,1
VILLA ELISA					0,4
TOTAL	100,0	100,0	100,0	100,0	100,0

Source: Elaborated on the Annual Memories of Corposana data.

ANNEX 15

RELATION BETWEEN RESIDENTIAL CONNECTIONS AND NUMBER OF EMPLOYEES (1993-1995)				
CONCEPTS	UNITY	1993	1994	1995
RESIDENTIAL CONNECTIONS	No.	155.870	166.157	187.739
EMPLOYEES AFFECTED TO RESIDENTIAL CONNECTIONS	No.	1.129	1.156	1.149
CONNECTION PER EMPLOYEE	No.	138	144	163
RELATION PRODUCED WATER/ EMPLOYEES (1993-1995)				
CONCEPTS	UNITY	1993	1994	1995
EMPLOYEEED AFFECTED TO PRODUCTION OF WATER	No.	1.129,0	1.156,0	1.149,0
TREATED WATER IN THOUSANDS OF	m3	99.676,7	113.149,7	125.521,6
PRODUCTION OF TREATED WATER PER EMPLOYEE	m3	88.287,6	97.880,4	109.244,2

Source : Annual Memories of Corposana.

ANNEX 16.1

COVERAGE OF THE SANITARY DRAINAGE SYSTEM - ASUNCION. (1993-1995)			
CONCEPT	1993	1994	1995
TOTAL POPULATION (thousands)	509,5	515,08	520,3
SERVED POPULATION (thousands)	382,9	387,3	389,73
PERCENTUAL RELATION (%)	75,15	75,19	74,91

Source: Annual Memories of Corposana.

ANNEX 16.2

SANITARY DRAINAGE SYSTEM - GREAT ASUNCION: INSTALLED RESIDENTIAL CONNECTIONS (1991-1995)				
YEARS	NUMBER		LENGHT (m)	
	ANNUAL	ACCUMULATED	ANNUAL	ACCUMULATED
1991	365	82.208	2.054	444.239
1992	1.223	83.431	7.573	451.812
1993	208	83.639	1.097	452.909
1994	944	84.583	4.083	456.992
1995	638	85.221	2.871	459.863

Source: Annual Memories of Corposana.

ANNEX 16.3

SANITARY DRAINAGE SYSTEM - CITIES OF THE COUNTRY SIDE: INSTALLED RESIDENTIAL CONNECTION AND COLECTORS AS 31-DIC-1995			
CITIES	NUMBER OF RESIDENTIAL CONNECTIONS	LENGTH OF THE BRANCH (m)	LENGTH OF THE COLECTORS (m)
PEDRO J. CABALLERO	2.742	12.339	35.300
CIUDAD DEL ESTE	729	3.281	11.749
ENCARNACION	3.003	13.514	38.000
CONCEPCION	1.604	7.218	23.721
TOTAL	8.078	36.352	108.770

Source: Annual Memories of Corposana.

ANNEX 17

PROYECTS OF EXPANSION OF PIPED WATER AND SANITRY DRAINAGE (1994 - 2004)				
1. PROJECTS OF PIPED WATER				
PROJECTS	AFFECTED LOCALITIES	POPULATION TO BE SERVED	MAN POWER	INVESTMENT THOUS. U.S.
DIRECTOR PLAN	ASUNCION, FDO. DE LA MORA,			
2 ND STEP	M.R. ALONSO, SAN LORENZO, LIMPIO, LAMBARE, V. ELISA, NEMBY.	125.000	1.400	100.000
PROYECTO FOR 8 CITIES OF THE COUNTRY SIDE	P.J. CABALLERO, S. BERNARDINO CAACUPE, C. OVIEDO, VILLARRICA, CAAGUAZU, S. ANTONIO.	120.000	700	16.000
SYSTEM OF ITA	ITA	9.145	100	1.447
SYSTEM OF SAN ESTANISLAO	SAN ESTANISLAO	7.300	100	1.313
TOTAL		261.445	2.300	118.760
2. PROJECTS OF SANITARY DRAINAGE SYSTEM				
PROYECT	LOCALITIES	POPULATION TO BE SERVED	MAN POWER	INVESTMENT THOUSAND U.S.
CUENCA DEL ARROYO ITAY	ASUNCION, FDO. DE LA MORA Y LUQUE	250.000	1.200	72.200
PROYECTO DE 8 CIUDADES DEL INTERIOR	P.J. CABALLERO, S. BERNARDINO, CAACUPE, C. OVIEDO, VILLARRICA CAAGUAZU, S. ANTONIO y PILAR	139.560	840	24.000
TOTAL		389.560	2.040	96.200

Source: Elaborated on data of Corposana.

ANNEX 18

REGISTERED OPERATIONS WITH THE SERVICES OF ANTELCO 1991- 1995					
CONCEPT	1991	1992	1993	1994	1995
NUMBER OF IN HABITANTS (THOUSANDS)	4.334	4.453	4.575	4.700	4.841(1)
INSTALLED CAPACITY	136.916	147.453	158.868	170.084	177.446
NUMBER OF SUSCRIBERS	120.237	128.051	142.277	148.542	158.150
DENSITY OF SUSCRIBERS:TELEPH./1000 INHABITANTS	27	28	31	39	37
DENSITY OF INST. CAPAC./1000 INHAB.	31	33	35	35	32
TELEPHONIC TRAFFIC					
A. INTERNATIONAL COMMUNICATIONS	4.898.754	5.852.491	6.793.910	9.554.062	
B. INTERNACIONAL (MINUTS)	30.325.980	37.155.848	39.916.029	45.296.078	7.277.231
TELEGRAPHIC TRAFFICS (2)					
A. DOMESTIC (telegrammes)	164.480	174.554	164.081	209.957	105.023
B. DOMESTIC (words)	6.790.559	7.600.872	7.571.989	9.527.944	4.920.733
C. INTERNATIONAL (telegrammes)	31.729	11.896	9.793	15.713	
D. INTERNATIONAL (words)	935.525	456.226	358.307	583.184	104.298
TELEX SERVICE: No. of SUSCRIBERS	875	739	690	629	
TELEX INTERNATIONAL (MINUTS)	1.731.772	1.365.782	1.196.452	1.051.047	458.142
REVENUES FROM OPERATION (thousands of Gs.)	132.660.950	183.366.696	233.555.298	287.044.627	356.490.817
EXPLOITATION EXPENDITURES (Thousands Gs.)	127.602.926	179.023.806	197.604.262	259.715.999	288.377.903
BENEFITS (thousands Gs.)	5.058.023	4.342.889	35.951.036	27.328.628	68.112.914
FIX ACTIVE (thousands Gs.)	232.802.599	394.417.723	696.771.200	1.069.327	606.130.462
NUMBER OF PERSONNEL	6.839	6.715	6.842	6.695	6.600
EXCHANGE RATE: U.S\$. 1,00 = Gs.	1.325	1.501	1.744	1.912	

NOTES: (1) Estimated Data. (2) from january to jun 1995

Source: Administracion Nacional de Telecomunicaciones (Antelco). Anuario Estadistico del Paraguay. 1995.

ANNEX 19

INDICATORS OF TELECOMMUNICATIONS IN PARAGUAY. 1992 - 2000											
YEAR	Telephone per100 inhabitants	Var. %	Telephones in the country	Var. %	Suscribers to ANTELCO	Var. %	New users	Var. %	Employees	Var. %	Suscriber/Employee
1992	3,6		147.453		127.182				6.715		18,9
1993	3,7	2,8	158.885	7,8	142.177	11,8	11.432		6.842	1,9	20,8
1994	4,0	8,1	173.365	9,1	151.143	6,3	14.480	26,7	6.695	-2,1	22,6
1995	4,0	0,0	180.173	3,9	166.895	10,4	6.808	-	6.600	-1,4	25,3
1996*	4,8	20,0	222.811	23,7	211.670	26,8	42.638	526,3	6.400	-3,0	33,1
1997	6,8	41,7	327.204	46,9	310.884	46,9	104.393	144,8	6.200	-3,1	50,1
1998	8,4	23,5	415.367	26,9	394.599	26,9	88.163	-	6.000	-3,2	65,8
1999	10,3	22,6	503.524	21,2	503.998	27,7	115.157	30,6	5.800	-3,3	86,9
2000	12,3	19,4	635.000	26,1	603.250	19,7	104.476	-9,3	5.600	-3,4	107,7

Note: (*) The system of shared risk starts. From 1997 proyected figures for ANTELCO.

Source: Félix Agüero, El Día del 02.02.97 de Asunción.

ANEXO 20

CAPACITY Y OCCUPATION OF THE TELEPHONE CENTRALS OF ASUNCION AND CPUNTRY SIDE YEAR 1995			
CENTRALS	INSTALLED CAPACITY	NUMBER OF SUSCRIBERS	% OF OCCUPATION
TOTAL CAPITAL	96.624	92.095	95,31
I CENTRO	20.008	18.631	93,12
II CIUDAD NUEVA	20.144	19.915	98,86
III BARRIO OBRERO	4.800	4.736	98,67
Bo. OBRERO DIGITAL	1.812	892	49,23
VILLA MORRA	15.200	15.157	99,72
SAJONIA	7.712	6.522	84,57
TRINIDAD	7.484	7.334	98,00
SAN VICENTE	7.492	7.237	96,60
TEMBETARY	7.348	7.126	96,98
STA. MARIA	4.624	4.545	98,29
TOTAL PERIPHERAL	28.700	28.247	98,42
SAN LORENZO	4.568	4.518	98,91
LUQUE	2.400	2.404	100,17
M.R. ALONSO	900	904	100,44
CAPIATA	800	804	100,50
LIMPIO	300	305	101,67
SAN ANTONIO	200	203	101,50
NEMBY	400	400	100,00
F. DE LA MORA	13.920	13.879	99,71
LAMBARE	3.400	3.387	99,62
LAMBARE DIGITAL	1.812	1.443	79,64
TOTAL CAPITAL	96.624		
TOTAL PERIPHERAL	28.700		
TOTAL INTERIOR	46.009		
TOTAL GENERAL	171.333		

Source: ANTELCO. Anuario Estadístico del Paraguay 1995.

ANNEX 21
PARAGUAYAN BANK SYSTEM
AS 31.12.96

	BANKS	RELATED BANKS	COUNTRY OF ORIGIN	YEAR OF CREATION	BRANCHES AND AGENCIES	TOTAL EMPLOYEES
FOREIGN BANKS						
1	Citibank N.A.	Citicorp	USA	1.958	6	123
2	Asunción S.A.	Banco Central	Espain	1.964	13	177
3	Lloyds Bank PLC	Lloyds Bank	England	1.920	5	143
4	Interbanco S.A.	Banco Nacional S.A.	Brazil	1.978	4	66
5	ABN AMRO Bank	Algemene Bank Nederlanden	Holand	1.965	3	141
6	Do Brasil S.A.	Banco do Brasil	Brazil	1.941	1	103
7	Real del Paraguay S.A.	Banco Real	Brazil	1.974	2	84
8	Sudameris S.A.	Banque Sudameris	France	1.961	7	106
9	Nación Argentina	Banco de la Nación Argentina	Argentina	1.942	3	81
10	Exterior S.A.	Banco Exterior de España	Espain	1.961	2	49
11	Parana S.A.	Banco do Estado de Parana	Brazil	1.980	9	201
12	BANESPA	Banco do Estado de Sao Paulo	Brazil	1.977	1	68
13	I.N.G. Bank	I.N.G. Bank	Holand	1.992	-	35
14	China Trust Commercial Bank	China Trust Commercial Bank	China	1.996	-	22
	Sub-Total				56	1.399
LOCAL BANKS						
1	Union S.A.		Paraguay	1.978	21	340
2	Continental S.A.		Paraguay	1.980	13	147
3	Corporación S.A.		Paraguay	1.987	4	134
4	Inversiones S.A.		Paraguay	1.984	15	218
5	Desarrollo S.A.		Paraguay	1.971	10	118
6	Finamerica S.A.		Paraguay	1.988	7	130
7	Aleman Paraguayo S.A.		Paraguay	1.989	4	99
8	Paraguayo Oriental S.A.		Paraguay	1.988	8	218
9	Busaif S.A. de Inv. y Fom.		Paraguay	1.990	11	172
10	Regional S.A. de Inv. y Fom.		Paraguay	1.991	7	96
11	Amambay S.A.		Paraguay	1.992	4	109
12	Corfan S.A.I.F.		Paraguay	1.994	4	104
13	Integración S.A.		Paraguay	1.994	4	72
14	Bancoplus S.A.I.F.		Paraguay	1.994	4	54
15	Itabank de Inv. y Fom. S.A.		Paraguay	1.994	1	30
16	Multibanco S.A.E.C.A.		Paraguay	1.995	1	40
	Sub-Total				118	2.081
GOVERNMENT BANKS						
1	Nacional de Fomento		Paraguay	1.961	49	932
2	Nacional de Trabajadores		Paraguay	1.975	16	258
	Sub-Total				65	1.190
	TOTAL				239	4.670

Source: Boletín Estadístico-Financiero de los Bancos y Empresas Financieras del País, Dic/96. Banco Central del Paraguay.

ANEXO

(別添参考資料)

VII. 国際經濟技術援助

TABLE 1
INTERNATIONAL TECHNICAL COOPERATION

SOURCES	MILLIONS OF US\$	SHARE (%)
A. BILATERALS		
JAPAN	65,2	32,7
GERMANY	54,2	27,2
CHINA	30,9	15,5
ESPAIN	6,6	3,3
COREA	1,0	0,5
Sub Total of Bilaterals	157,9	79,2
B. MULTILATERALS		
WB	2,3	1,1
IDB	3,1	1,6
EUROPEAN UNION	30,4	15,2
UNDP	5,6	2,8
ASO	0,1	0,1
Sub Total de Multilaterals	41,5	20,8
TOTAL A+B	199,4	100,0

Source: Presidencia de la República, Informe al Congreso Nacional, Julio 1996

TABLE 2
TECHNICAL COOPERATION PER SECTORS

Sectors	Share (%)
MODERNIZATION OF THE STATE	26,73
AGRICULTURE AND LIVESTOCKS	19,80
ENVIROMENT AND NATURAL RESOURCES	10,89
EDUCATION	7,92
INFRAESTRUCTURE	5,94
INDUSTRY	5,94
WOMEN	5,94
HEALTH	4,95
SANITATION	2,97
HOUSING	1,98
CADASTER	1,98
OTHERS (*)	4,95
TOTAL	100,00

Source: Presidencia de la República, Informe al Congreso Nacional, Julio 1996

(*) Include telecommunications, forestry, rural development, hydric resources and human development.

TABLE 3
FOREIGN LOANS PER FINANCIAL AGENCY
AS 28/02/97
(Millions US\$)

FINANCIAL SOURCE	ETAPAS DE NEGOCIACIÓN						%
	Aprobados			En Negociación	Por Negociar	Total	
	Con Desembolso	Por Ley, sin Desembolso	Por Fuente Financiera				
IDB	665,7	48,2	132,3	378	860,4	2.084,60	44,61
WB	288,5	21,8			203,4	513,7	10,99
OECE	248	133,6		646,3	183,8	1.211,70	25,93
KFW	82,8		11,9			94,7	2,03
FONPLATA	91,8	40,1		10		141,8	3,03
FIDA	12,1	10				22,1	0,47
GOV. SPAIN				118,2	165,1	283,3	6,06
OPEP	2,2					2,2	0,05
EUROP.BANK		21,8				21,8	0,47
GOV.CHINA	9,8					9,8	0,21
EX-JAPAN		50				50	1,07
GERMANY					52,6	52,6	1,13
FRANCE					10,3	10,3	0,22
GOV.COREA				26,5		26,5	0,57
CAF						0,0	0,0
NON DEFINED SOURCE					147,6	147,6	3,16
TOTAL	1.400,90	325,4	144,2	1.179,00	1.623,10	4.672,70	100

Source: STP, Informe sobre préstamos externos, febrero de 1997

TABLE 4
DISBURSEMENTS PER FINANCIAL AGENCY
AS 28/02/97
(millions US\$)

FINANCIAL SOURCE	Amount	%	Disbursement	%	Balance	%
BID	665,7	47,52	310,4	47,14	355,4	47,88
BIRF	288,5	20,59	58,2	8,84	230,2	31,02
OECE	248	17,7	190,4	28,91	57,6	7,76
OPEP	2,2	0,16	0,4	0,06	1,8	0,24
KFW	82,8	5,91	45	6,83	37,8	5,09
FONPLATA	91,8	6,55	42,4	6,44	49,3	6,64
FIDA	12,1	0,86	5,6	0,85	6,4	0,86
GOV.CHINA	9,8	0,7	6,1	0,93	3,7	0,50
TOTAL	1400,9	100,0	658,5	100,0	742,2	100,00

Source: STP, Informe sobre préstamos externos, febrero de 1997

TABLE 5
FOREIGN LOANS PER AGENCIES
AS 28/02/97
(Millions US\$)

Creditor Institutions	Steps of Negotiation						%
	Approvals			In negotiation	To Negotiate	Total	
	With disbursement	By Law, without disbursement	Per Financial Source				
CENTRAL GOVERNMENT	890,7	170,1	90,6	865,2	1.269,5	3.286,2	70,3
MAG	240,2	10,0		221,0	306,7	777,8	16,6
MOCP	343,1	40,1	82,3	466,0	513,5	1.444,9	30,9
MSPYBS	27,3	21,8	335,0	69,6	20,0	139,0	3,0
MEC	77,3			20,7	12,6	110,6	2,4
CSJ					8,2	8,2	0,2
MH	112,5	22,0			250,0	384,5	8,2
MIC	59,8	50,0	8,0	50,0	16,0	183,8	3,9
Presidence of the Republic		20,0		10,0		30,0	0,6
Vice Presidence				4,9		4,9	0,1
MDM				7,5	22,5	30,0	0,6
MJT	20,7					20,7	0,4
MI	10,0	6,2		13,0	110,0	139,2	3,0
UNA				2,5	3,5	6,0	0,1
UNE					6,5	6,5	0,1
PUBLIC ENTERPRISES	437,7	155,3	53,6	125,5	293,6	1.125,8	24,1
CONAVI	54,0		3,6			57,6	1,2
CORPOSANA	173,9	82,4			70,0	326,4	7,0
ANDE	128,8	72,8	50,0	25,0	132,9	409,6	8,8
DINAC						0,0	0,0
ANNP				14,0		14,0	0,3
SENASA						0,0	0,0
ANTELCO	81,0			26,5	90,7	198,2	4,2
MUNIC.ASUNCION				60,0	60,0	120,0	2,6
FINANCIER INSTITUTIONS	72,4	0,0	0,0	188,3	0,0	260,7	5,6
BCP	10,0			20,0		30,0	0,6
BNF	50,0			109,7		159,7	3,4
FG	10,0			10,0		20,0	0,4
CAH	2,4			26,8		29,2	0,6
FDC				21,8		21,8	0,5
TOTAL	1.400,9	325,4	144,2	1.179,0	1.623,1	4.672,6	100,0
	30,0	7,0	3,1	25,2	34,7	100,0	

Source: STP, Informe sobre préstamos externos, febrero de 1997

TABLE 6
DISBURSEMENTS PER EXECUTIVE INSTITUTION
AS 28/02/97
(Millions US\$)

EXECUTIVE INSTITUTION	Monto Préstamo	%	Desembolso	%	Saldo	%
CENTRAL GOVERNMENT	890,8	63,62	427,2	64,86	463,6	62,45
MAG	240,2	17,16	135,6	20,59	104,5	14,08
MOCP	343,1	24,51	192,3	29,20	150,7	20,30
MSPyBS	27,3	1,95	16,7	2,54	10,5	1,41
MEC	77,3	5,52	13,2	2,00	64	8,62
MH	112,5	8,04	31,4	4,77	81,1	10,93
MIC	59,8	4,27	36,5	5,54	23,2	3,13
MJT	20,7	1,48	0,4	0,06	20,3	2,73
MI	10	0,71	0,8	0,12	9,2	1,24
PUBLIC ENTERPRISES	437,7	31,26	181,1	27,50	256,6	34,57
CONAVI	54	3,86	13,6	2,06	40,4	5,44
CORPOSANA	174	12,43	50,1	7,61	123,8	16,68
ANDE	128,8	9,2	81	12,30	47,8	6,44
ANTELCO	81	5,79	36,4	5,53	44,6	6,01
FINANCIER INSTITUT.	72,4	5,17	50,3	7,64	22,1	2,98
BCP	10	0,71	9,9	1,50	0,28	0,04
BNF	50	3,57	34,4	5,22	15,6	2,10
CAH	2,4	0,17	0,9	0,14	1,5	0,20
FG	10	0,71	5	0,76	5	0,67
TOTAL	1.400,10	100	658,6	100,00	742,3	100,00

Source: STP, Informe sobre préstamos externos, febrero de 1997

TABLE 6
DISBURSEMENTS PER EXECUTIVE INSTITUTION
AS 28/02/97
(Millions US\$)

EXECUTIVE INSTITUTION	Amount of Loan	%	Disbursements	%	Balance	%
CENTRAL GOVERNMENT	890,8	63,62	427,2	64,86	463,6	62,45
MAG	240,2	17,16	135,6	20,59	104,5	14,08
MOCP	343,1	24,51	192,3	29,20	150,7	20,30
MSPyBS	27,3	1,95	16,7	2,54	10,5	1,41
MEC	77,3	5,52	13,2	2,00	64	8,62
MH	112,5	8,04	31,4	4,77	81,1	10,93
MIC	59,8	4,27	36,5	5,54	23,2	3,13
MJT	20,7	1,48	0,4	0,06	20,3	2,73
MI	10	0,71	0,8	0,12	9,2	1,24
PUBLIC ENTERPRISES	437,7	31,26	181,1	27,50	256,6	34,57
CONAVI	54	3,86	13,6	2,06	40,4	5,44
CORPOSANA	174	12,43	50,1	7,61	123,8	16,68
ANDE	128,8	9,2	81	12,30	47,8	6,44
ANTELCO	81	5,79	36,4	5,53	44,6	6,01
FINANCIER INSTITUT.	72,4	5,17	50,3	7,64	22,1	2,98
BCP	10	0,71	9,9	1,50	0,28	0,04
BNF	50	3,57	34,4	5,22	15,6	2,10
CAH	2,4	0,17	0,9	0,14	1,5	0,20
FG	10	0,71	5	0,76	5	0,67
TOTAL	1.400,10	100	658,6	100,00	742,3	100,00

Source: STP, Informe sobre préstamos externos, Feb, 1997

